

63.01
CANADA
1918

MCKENZIE SEEDS

1918

**Note Reduction
of Prices**

PAGES 40 TO 60 INCLUSIVE

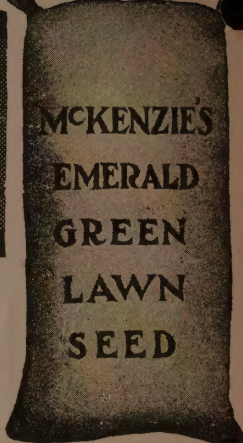
See Colored Insert at page 44 for
reduced and corrected prices.

**22nd
ANNUAL**

**BRANDON
MAN.**



McKENZIE'S LAWN GRASS MIXTURES BEAUTIFY THE WEST



Everybody admires a well kept lawn, the possession of which is not by any means difficult for those who will take a little care at the commencement.

One of the chief causes of disappointment is sowing the seeds on ground not sufficiently clean and free from weeds and coarse grasses, with the result that weeds and lawn grasses come up together. Without due attention to this all important preliminary, the finest seeds will fail to produce that desirable smooth and even appearance which is so much admired.

Having first made certain the ground is clean, the next essential is good seed, comprising suitable varieties in properly balanced quantities.

For nearly a quarter of a century McKenzie's specially prepared mixtures of Grass Seeds for Lawns have given unbounded satisfaction. They are the result of practical experience under varying conditions in many locations throughout the West. **SURE TO GROW.**

By Express

1 lb. Post- paid	5 lbs. . 10 lbs. or more or more
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McKenzie's Emerald Green Lawn Seed

A SCIENTIFIC COMBINATION

LUXURIANT GROWTH RICH GREEN COLOR ENDURING GRASSES
Produces an Even Turf A perfect Growth from Early Spring until Late Fall



1530—One reads and hears a good deal nowadays about "geological formations" and other scientific terms used in connection with laying down land to grass. While this applies particularly to large areas, it also enters to some extent into consideration in the formation of a lawn. The chief essential, however, is a suitably prepared mixture of the finest dwarf growing grasses which will produce that desirable smooth, velvety and green appearance which so delights the eye and becomes an everlasting source of pleasure. McKenzie's "EMERALD GREEN" is composed of finest ingredients which will, under normal conditions, flourish under our soil and climate and produce a perfect and enduring lawn

.45	.32	.30
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McKenzie's Western Parks Lawn Seed



1535—A most reliable mixture of fine growing grasses, but as it does not contain the same proportion of the more expensive sorts as "EMERALD GREEN," we are able to quote it on a cheaper basis. Where economy in price is a consideration we strongly recommend "WESTERN PARKS"—it will produce a very satisfactory green lawn and is the best mixture ever offered at the price.

.40	.27	.25
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McKenzie's Sporting Ground Mixture

For School Grounds, Large Farm Yards, etc. For Tennis Grounds, Football Grounds, Race Tracks, etc.



1540—McKENZIE'S SPORTING GROUND MIXTURE is a carefully selected and prepared mixture for tennis grounds, football grounds, race tracks, school grounds, cemeteries, etc., where the area seeded is intended to encounter hardship. A mixture that will grow quickly and possesses qualities of endurance is what is requisite. McKENZIE'S SPORTING GROUND MIXTURE possesses the necessary qualities. It will not make as fine and beautiful turf as McKenzie's Emerald Green Lawn Seed, as this special high-grade mixture is intended exclusively to produce the most handsome lawns in Canada

.20	.19
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If ordered sent by mail add 10c per pound to cover postage, otherwise it will be forwarded by express or freight at purchaser's expense. Orders for 10 lbs. or more add 45c for cotton bag.

QUANTITY OF SEED REQUIRED FOR NEW LAWNS

1 lb. will sow	300 square feet.
3 " " " " " " " " " "	900 " " "
5 " " " " " " " " " "	1,500 " " "
10 " " " " " " " " " "	3,000 " " "

125 to 140 lbs. per acre.

To obtain best results a liberal seeding is recommended.

DISCLAIMER—We appreciate that only by furnishing Seeds that will contribute success to the planter can mutual interests be served. While we (A. E. McKenzie Co. Ltd.) exercise care to have all Seeds pure and true to name, we do not give, and our employees and agents are forbidden to give, any warranty, expressed or implied, as to description, quality, productiveness or any other matter of any Seeds we send out and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, advise at once, and money paid for same, including freight, will be promptly refunded. Hold shipment for disposal instructions.



Have your Lawn as faultless as the one you have so often admired—Sow McKenzie Seeds

From

P. O.

Proo.

One Cent
War Tax
Stamp
Here

Two (2)
Cent Stamp
Here

A. E. McKenzie Co. Ltd.

BRANDON MAN.

Western Canada's Greatest Seed House.

Offers Extraordinary

OATS—BARLEY WHEAT

STOCK NO.

OATS—Add for each 2½ bushels **20c** for jute sack.

BARLEY—Add for each 2 bushels **20c** for jute sack.

WHEAT—Add for each 2 bushels **20c** for jute sack.

When ordering, use order sheet and indicate stock by number.

Prices Quoted in this Supplement are on Quantities not less than 25 Bushels
Read Other Side

PRICE

Per Bushel

Oats—American Banner

K. 50	This is a heavy and fine colored sample, free from noxious seeds; kernels are plump and well developed.....	\$ 1.13
K. 51	Well developed, uniform plump kernels of good color and true to type, free from noxious weeds within the meaning of the Seed Control Act.....	1.09

Oats—Abundance

K. 60	This is a typical stock of this well known variety. The kernels are plump and of good bright color.....	1.11
K. 61	Select stock, pure Abundance, plump heavy kernels, well cleaned, free from noxious weeds within the meaning of the Seed Control Act.....	1.08

Oats—Garton's 22

K. 70	A very fine sample, good color, true to type, plump heavy kernels.....	1.12
K. 71	A very nice stock, plump heavy kernels, good color, uniform size, true to type, free from noxious seeds within the meaning of the Seed Control Act.....	1.09

Oats—Victory

K. 80	Short, plump uniform kernels, comparatively free from awns, weighing 43 lbs. to the bushel, true to type and free from mixtures, wild oats or other noxious seeds.....	1.13
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Oats—Wideawake

K. 90	The kernels are short and plump, thin hull. The particular lot we are offering weighed 41 lbs. per bushel. We only have about 4,000 bushels in this lot.....	1.13
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Barley—Six-Rowed

K. 40	The stock we offer is six-rowed type, a good general purpose Barley. The sample is very plump considering the season. Free from noxious weeds within the meaning of the Seed Control Act.	1.75
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Oats—Feed

We have several cars of good feeding Oats, enquiries invited. Samples and quotations will be cheerfully submitted upon application for carload or less than carload quantities.

Mixed Feeding Grains

Farmers who are short of feed should write us for samples and prices on Mixed Feeding Grains.

Feed Corn

Write for prices on carload quantities or less.

Seed Potatoes

Buyers interested in the purchase of general quality Seed Potato Stock—not pedigreed—should write us for special prices on carload or smaller quantities.

NOTE: Seed Control Act. The Act defines 'Grains' not having more than one noxious seed per lb. as free from the meaning of the Act.

PRICES QUOTED ARE F.O.B. BRANDON, MAN.

Specially selected, grown from selected seed under ordinary conditions, not critically rogued like our Gold Standard Strain but a splendid wheat grading No. 1 Northern. Before issuance of this Supplement our first mailed order called for 556 bushels.

Per Bushel
\$2.65

Important

These "Offers-extraordinary" are made with the object of meeting the extreme shortage especially of choice seed Oats which exists in Manitoba, large stretches of Saskatchewan and sections of Alberta.

Under circumstances like the present we follow the precedent we previously established of placing the resources and special equipment of our Institution at the disposal of the country. In past seasons our efforts to meet a great need have been much appreciated. Last year it was Seed Wheat—this year it is Seed Oats.

Our thorough knowledge of the kind of stocks required, the sources of supply, coupled with our extensive experience, cleaning and storage facilities, enables us to cope with a demand like the present on a large scale. Please ask for special prices on carload quantities.

Different. The Oats which we supply on this sale extraordinary are different from most stock available from other sources. How different?

- A. We do not handle through interior elevators.
- B. As the Oats grow in the field so they are delivered to us.
- C. Nor do we permit such varieties as American Banner, Victory, Abundance, and others to go through elevator in Brandon and thus be dumped in the same bin. We handle our stocks by means of sacks to and from large cleaners and thus preserve the identity of the stock.
- D. True, our method of handling is somewhat more costly but this method enables us to deliver the quality of seed that buyers require, and our prices are right.

Change of Oat Prices

The lowest price at which we can sell Seed Oats in ten bushel lots or more is **AS PER PRINTED PRICES IN THIS SUPPLEMENT** although based on quality and cost we should sell no variety at less than \$1.20 per bushel.

When Fort William May price for commercial grade No. 2 C.W. is 80c or less per bushel our price will be as per published prices for respective varieties and on every advance of market over 80c these published prices in this supplement advance concurrently 1c per bushel or fraction thereof.

Should Fort William May advance over 90c per bushel we will not advance any of our Seed Oat offers above \$1.20, so long as present stocks last, no matter how high the market for commercial grade advances. Price will be established according to the close of the market on the day your order is received. Full value of your remittance will be shipped on this basis.

Special Seed Rates

The Canadian Pacific Railway [Co.] tariff on seed grain shipped from Brandon will enable purchasers requiring carload shipments delivered at a C.P.R. point to purchase a carload quantity from us at the price printed in this supplement with a small extra charge of a few cents per 100 lbs. to most points in Manitoba and Saskatchewan. The increase for freight over price paid would not likely run over 1c to 3c per bushel. This is owing to the fact that most of our seed Oat shipments were originally shipped from C.P.R. points. On carload shipments to C.N.R. and G.T.P. points, as well as less than carload quantities to points on C.P.R., C.N.R. and G.T.P. (except over connecting lines) the special half rate tariff will apply to oats and all the leading varieties of grains and grasses.

These half freight rates are of special advantage to buyers. We will cheerfully give further information on application.

Non Warranty

While we (A. E. McKenzie Co., Ltd.) exercise care to have all seeds pure and true to name, we do not give, our Employees and Agents are forbidden to give any warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, we are to be at once advised, and money paid for same, including freight, will be promptly refunded.

A. E. McKenzie Co., Ltd., Brandon, Man.

E. These Supplement Stocks are different because they are specially selected and prepared.

- 1st. As to purity of variety.
- 2nd. As to freedom from noxious seeds.
- 3rd. Specially handled and cleaned.
- 4th. Specially sacked.
- 5th. Specially warehoused.

Not Pedigreed. It is a natural question to ask; What is the difference between the stocks offered in this supplement and varieties of the same name offered in catalog? Briefly stated the difference is as follows: The stocks in catalogue proper are largely pedigreed or special strains. The stocks offered in this supplement are as described in item "E" also are sound and of good germination. As to technical characteristics of different varieties, see pages 48 and 49 of catalog.

Prices. When considering values it must be taken into account selected quality, the very substantial premium we paid over price of commercial grades, plus freight of 10c per bushel to Brandon, cost of cleaning plus heavy reduction by cleaning, handling, storage, fire insurance, interest and selling charges. It is only the enormous volume in bushels which enables us to sell at these prices. Your order helps to make these prices possible.

Quantity. On quantities less than 25 bushels add 5c per bushel to prices quoted.

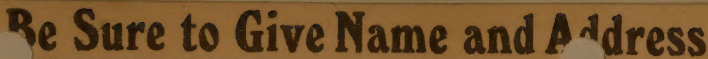
Cash Deposit

Recognising the probability of some of our prospective customers being short of cash, we are prepared to reserve orders for stocks offered in this supplement on terms of a cash deposit. To those who are anxious to protect their requirements early before there is a shortage of seed, but find it inconvenient to provide sufficient cash to pay for same, we will accept orders accompanied by a cash deposit of one-third of the total value of the order including sacks and bags on the distinct understanding that balance is paid when the purchaser orders the shipment forward. All seeds so ordered will be immediately reserved, labelled and held without advance or alteration of the original purchase price or any extra charge whatever for interest, storage or fire insurance. We wish to make it clear that we do not undertake to hold any such orders later than **March 27th**, therefore balance of purchase price must be in our hands on or before that date.

This special privilege is extended not only to individual buyers, but also to Municipalities purchasing from us in car lots, or to buyers who syndicate or club their orders for car lots. This will be a distinct advantage to those who have not ready cash or those who are unable to complete financial arrangements until the month of March. It enables them to make sure of having their seed secured, and not leave them at the peril of hunting seed after most of the available and best stocks have been picked up by forehanded buyers. This privilege is extended to buyers of stock from either supplement or catalog.

Sacks Taken Back

On all orders selected from this supplement for 100 bushels or more we agree to take back the sacks at 12c each, provided they are returned in good condition freight prepaid, the same to be effected within fifteen days after date of shipment from Brandon. This does not apply to purchases made from catalog.



ORDER FORM

Postage

BRANDON, MAN. CALGARY, ALTA.

NAME _____

Mr. Mrs. or Miss

P.O.PROV.

Railway Station

Is there an Agent here?

If no Agent include prepay charges

Yes or No.

Forwarded by { State here whether wanted
by Mail, Express or Freight.
otherwise we use our discretion.

While we (A. E. McKenzie Co., Ltd.) exercise care to have all seeds pure and true to name, we do not give, our Employees and Agents are forbidden to give, any warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, we are to be at once advised and money paid for same, including freight, will be promptly refunded.

RESERVED SPACE
PLEASE DO NOT WRITE HERE

Date Received _____Amount ReceivedMAIL

**FREIGHT
EXPRESS**

No of
PacketsNo of
PackagesDate
SentPut up by

Checked by

For an additional 5c. added to each order we guarantee mail parcels against loss.

Every order for SEED GRAIN, CLOVERS, GRASSES, 10 lbs. or more No. VEGETABLE SEEDS, require Bags, and the price, 45c., must be included.

CALGARY, ALTA.

SEEDSMEN

A. E. MCKENZIE CO., LTD.

Do not overlook including Cotton Bags where needed. Price 45c.
Be sure to give your Name and Address, and keep a copy of your order as sent to us.
Extra order forms mailed upon request.

Scarcity

We are living in a period of extraordinary conditions.

The war, with its consequent problems, is applying the acid test to the economic conditions of the nations actively engaged in the world struggle. War always brings in its train high prices and resultant increased cost of living. While the present situation is very perceptibly affecting staple necessities, it is also having a similar effect on the supply and prices of seeds.

The only method by which prices of commodities can be fairly adjudged is in a relative sense. A careful survey of the prices at which seeds are being sold to the consumer in 1918 compares favorably with those he is obliged to pay for many other standard lines of merchandise. A deduction is not properly drawn if the cash proceeds obtained from the products of the land are not placed upon the credit side in contrast with the prices paid for other commodities.

The gravity of the seed situation is not a question of prices, but the difficulty of obtaining many important varieties at any price. As a seed institution we are keenly cognizant of the responsibility which rests upon us to provide ample stocks from which the country can draw, especially in times like the present. This obligation has not been met without a struggle, the character of which we have never hitherto experienced. In order to gain a proper perspective this subject should be viewed in its broadest sense. There are over one thousand different varieties in this catalog, therefore the supply of even one variety may involve a carload or a trainload.

It is practically impossible for seed institutions to maintain the same high standard of quality under war conditions as compared with stocks sold prior to 1915. Despite this we believe the stocks offered in this catalog are of as high a standard of quality as are procurable under existing circumstances.

Danger

The Napoleonic wars and battles prior to that period were largely determined by armies on the field of conflict. Now it is different.

In these days the destiny of empires is in a large measure dependent upon the economic battles which are fought in the home land. Modern battles on the field of action are practically won by the sustaining ability of the nation in increased agricultural production—by the purchase of victory bonds—the munition factory—the shipyard—the mechanic—the housewife. This is the second line of defence without which the first line cannot be maintained nor victory won. There never has been a time in the history of Western Canada when the co-operative activity of the individual unit of the nation was so essential to victory. The growing of a bushel of wheat—a bushel of potatoes—a gallon of peas—a quart of beans—a bunch of radish, was never so indispensable as in 1918. If the war continues (and present indications point to a long war), or should world crops suffer seriously, the countries involved should prepare assiduously against possible famine.

The obligation to plant the field or the garden is a patriotic responsibility. The young man who gives his life on the firing line, gives his all. Is it any more than right that those who do not go to the firing line should make the largest possible sacrifice at home as far as he or she is capable? That sacrifice may mean overcoming the disinclination to use a hoe. We submit that it is easier to use the hoe than to wield the sword, but it is absolutely essential to use one or the other if the Empire and its Allies are to emerge triumphant.



MCKENZIE'S SPECIAL

For Garden

OUR ANTICIPATION of the necessity for Seed Collections for Garden and Field put up in convenient form and at prices to suit every purse has been fully realized. Those offered last season instantly jumped into popularity and undoubtedly they supply a long felt want in economic gardening. McKenzie Seed collections contain Seeds of only tested and proved varieties carefully chosen to provide a supply of Vegetables in succession throughout the season. The Field Root Seeds are exceptional value. Many customers find it irksome to wade through the catalog while others prefer our judgment in the matter of selection and quantities. To such the collections specially appeal.

POSTPAID

Kindly note the prices quoted include postage, varying from 14c to 28c, according to size of collection ordered.

The Difference

in price of these Collections as compared with the individual items purchased separately is from 75c to 25c in the buyer's favor, therefore, they are MORE ECONOMICAL while the QUALITY of the seeds is IDENTICAL

COLLECTION

A
\$2⁸⁵

Postpaid

- ½ pound BEANS
- 1 ounce BEET
- 1 packet CABBAGE Early
- 1 ounce CARROT
- 1 packet CAULIFLOWER
- 1 packet CITRON
- 1 packet CORN
- ½ pound CORN
- 1 packet CUCUMBER
- 1 packet CUCUMBER, Pickling
- 1 packet LETTUCE, Head
- 1 packet LETTUCE, Leaf
- 1 packet ONIONS
- 1 ounce ONIONS
- 1 packet ONIONS, Pickling
- 1 packet PEAS
- ½ pound PARSLEY
- 1 packet PARSNIP
- 1 packet RADISH Turnip Shaped
- 1 ounce RADISH, Long
- 1 packet TURNIP, Garden
- 1 ounce VEGETABLE MARROW, English
- 1 packet SAGE
- 1 packet MANGEL
- 1 packet TURNIP, Field
- 1 ounce SWEET PEAS,

(Cost if packets ordered separately \$3.50)

Thousands of gardeners will want these Collections in 1918. Will your order include one?

SAVE TIME
SAVE TROUBLE
SAVE MONEY

As it is only possible to offer these collections at the moderate prices named by providing and packeting the seeds in advance of the selling season, it will be readily understood that no alteration, reduction or substitution in the contents of any collection is permissible.

COLLECTION

B
\$2⁷⁰

Postpaid

- ½ pound BEANS
- 1 ounce CARROT
- 1 packet CUCUMBER
- 1 packet CUCUMBER, Pickling
- 1 packet LETTUCE, Head
- 1 packet LETTUCE, Leaf
- 1 ounce ONION, Yellow
- 1 packet ONION, Red
- 1 packet ONION, Pickling
- ½ pound PEAS, Early
- 1 packet PEAS, Main Crop
- 1 packet PARSNIP
- 1 ounce RADISH, Turnip Shaped
- 1 packet RADISH, Long
- 1 ounce TURNIP, Field
- 1 packet TURNIP, Garden
- 1 packet VEGETABLE MARROW, English
- 1 packet SWEET PEAS, Spencer
- 1 packet NASTURTIUM
- 1 packet STOCKS
- 1 packet MIGNONETTE
- 1 packet SWEET ALYSSUM

(Cost if packets ordered separately \$3.25)

COLLECTION

C
\$1⁹⁰

Postpaid

- ½ pound BEANS
- 1 packet CITRON
- 1 ounce CARROT
- 1 packet CUCUMBER
- 1 packet CUCUMBER, Pickling
- 1 packet LETTUCE, Leaf
- 1 packet LETTUCE, Head
- 1 ounce ONION
- 1 packet ONION, Pickling
- ½ pound PEAS
- 1 packet PARSNIP
- 1 ounce RADISH
- 1 packet SQUASH
- 1 ounce TURNIP, Table
- 1 packet BEET
- ½ pound CORN
- 1 packet CORN

(Cost if packets ordered separately \$2.40)

In no other way can so many Choice Seeds be obtained at such little cost



SEED COLLECTIONS



and Field

tions we believe we are increasing "service." The regrettable war still continues and with its duration the labor problem becomes more acute. Customers ordering these collections not only save themselves time, money and trouble but assist us in relieving congestion in our mail order department during our busy months when thousands of orders pour in on us from every nook and corner of the Country.

Help us
to help you.

AS A SEED INSTITUTION we desire to render the greatest possible service to our patrons and to the country as a whole. In providing these special collec-

Only the varieties that our long experience has proved to be most suitable to Western Canada are included in these collections. They are of the same high grade quality offered separately under their respective names elsewhere in this catalog.

COLLECTION

D

\$2.60

FIELD ROOT SEEDS
Postpaid

1/2 pound SUGAR BEET
1/2 pound MANGEL
1/2 pound CARROT
1 pound TURNIP
1 pound RAPE
(Cost if packets ordered separately \$2.90)

Specially prepared to meet the economic spirit of the times.

COLLECTION

E

\$1.30

Postpaid

1/4 pound BEANS 1 packet BEET
1 packet CARROT 1 packet CORN
1/2 pound CUCUMBER
1 packet LETTUCE, Leaf
1 packet LETTUCE, Head
1/2 ounce ONION, Yellow
1 packet PEAS 1 packet PARSNIP
1/4 pound RADISH
1 ounce TURNIP
1 packet SWEET PEAS, Spencer
1 packet NASTURTIUM
1 packet PANSY
1 packet WILD CUCUMBER
(Cost if packets ordered separately \$1.65)

Positively best value ever offered for their respective prices

Local Merchants Sell McKenzie's Seeds

We aim to co-operate with general merchants and make it easy for the seed-buying public to purchase McKenzie's tested seeds. To accomplish this McKenzie's Packet Seeds are on sale in practically every general store in Western Canada.

Many merchants stock McKenzie's Bulk Seeds, or will take orders for Bulk as well as for the above collections.

COLLECTION

F

\$1.00

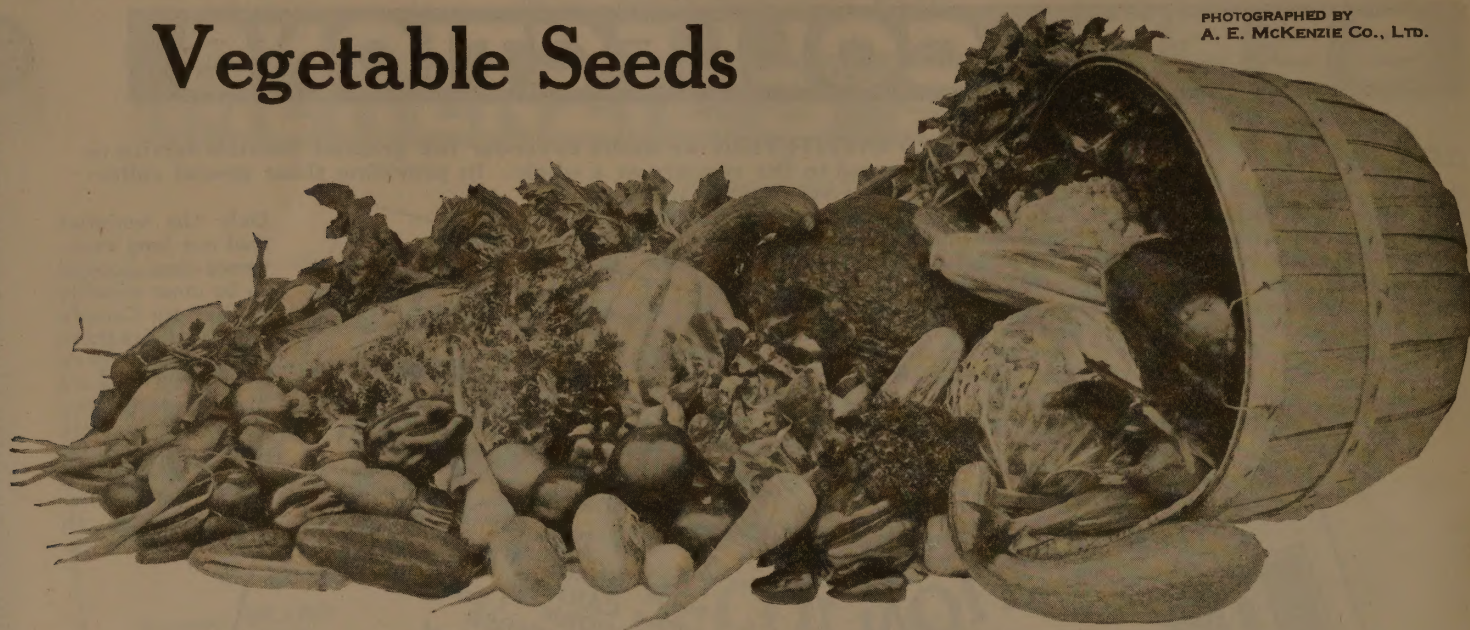
Postpaid

1/4 pound BEANS 1 packet BEET
1 packet CARROT 1/2 pound CORN
1 packet CUCUMBER
1/2 pound LETTUCE
1 ounce ONION
1 packet PEAS 1 packet PARSNIP
1 packet RADISH
1 packet TURNIP
1 packet SWEET PEAS, Garden
1 packet CANARY BIRD
1 packet CREEPER
(Cost if packets ordered separately \$1.25)



Vegetable Seeds

PHOTOGRAPHED BY
A. E. McKENZIE CO., LTD.



Eat Your Own Home Grown Dinner

There may be, and is, a lot in the present day cry against the high cost of living, but it is needless to cry when you may be a producer. A garden on every farm would lessen the cost of living and increase the measure of contentment in our country's homes.

Every farm should have a garden. More satisfaction and financial gain can be obtained from an area devoted to the growing of vegetables for home use than from any equal area used for a field crop. No part of the farm is more important.

The following varieties of McKenzie's Tested Vegetable Seeds are of dependable quality and we recommend them. Those offered under our own name are the result of special selection and have proved themselves of superior merit. Prices quoted include postage paid by us. Every variety is indicated by a number; please order by number.

Artichoke

- 1—**LARGE GREEN GLOBE.** Cultivated for its flower heads, which resemble a giant thistle, and are cooked as you would Asparagus. Buds large globular, deep green with tint of purple at base.

Asparagus

- 11—**CONOVERS COLOSSAL.** Large and hardy.
12—**PALMETTO.** Shoots are light green, tinted slightly with pink.
13—**GIANT ARGENTEUIL.** Large thick white shoots.

Pkt.	Postpaid Oz.	1/4 lb.
.05	\$1.00	
.05	.20	.45
.05	.20	.50
.05	.20	.45

Everyone who cultivates a Garden helps greatly to solve the problem of feeding the nations.

WOODROW WILSON,
President of the United States.

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



McKenzie's Improved Golden Wax

Beans

McKenzie's Improved Golden Wax

The Most Prized of all Wax Butter Beans

25—Its remarkable productiveness and adaptability to the varied conditions of the West, combined with many other superb characteristics, make this one of the best varieties to grow. Although not the earliest, it is unquestionably one of the heaviest croppers (growing to perfection in our Western prairie soil) and its certainty in this respect makes it especially valuable. Practically every one who has ever grown beans is more or less familiar with the wax varieties. We particularly wish to call attention to the Selected Golden Wax Seed we send out. Another very desirable feature of this strain of Golden Wax is its habit of retaining its extreme tenderness throughout the season; it is thus valuable as a succession crop. The bushes are remarkably hardy and extremely prolific, about 16 inches high.

The pods averaging six inches long, are exceedingly handsome, large, broad, thick and solid, flesh of exceptionally fine quality, very tender, brittle, stringless, and beautiful golden yellow color of a very appetizing appearance. It has a most delicate and delicious flavor. See illustration. Pkt. 5c, 1/2 lb. 35c, 1 lb. 65c. Postpaid.



Wardwell's Kidney Wax

The better it is known, the more it is appreciated

28—Its cropping qualities are phenomenal, yielding equally as well as the Golden Wax. Its handsome waxy yellow, brittle pods are remarkable for their fine flavor, being very sweet. The plant is a sturdy, upright bush, growing about 15 inches high. Pods straight, flat, 5 to 6 inches in length, are of nice uniform shape; there is little or no cavity between kernels, all solid flesh, the quality of which is sustained throughout, and planters generally find it one of the most satisfactory and remunerative crops they can raise, either for home or market. (See illustration p. 5.)

Pkt. 5c, 1/2 lb. 40c, 1 lb. 75c. Postpaid.

Full Cultural Instructions on every packet.

Beans

McKenzie's Matchless Green Pod

The Earliest and Hardest of all Green Pods

48—The plants are of erect sturdy habit averaging the uniform height of 18 inches; are exceedingly robust and noted for their extreme earliness and productiveness. Is undoubtedly the very best variety to plant at intervals so as to have a continuous supply of beans throughout the summer. The bushes are absolutely covered with large clusters of rich green pods, which are not only of handsome appearance but are well-rounded, saddle-backed, very meaty, tender and brittle, being devoid of any indications of stringiness even when the pods are fully developed. That this Matchless Bean is one of Nature's choicest gifts is acknowledged by all impartial gardeners and farmers. It is the finest and best of all Green Pod Stringless Beans. (See illustration.)



Pkt. 5c, 1/2 lb. 40c, 1 lb. 65c. Postpaid.



PHOTOGRAPHED BY
A. E. MCKENZIE
CO., LTD.

McKenzie's
Matchless

Dwarf Black Wax

Bears Continually
Throughout the Season

26—Everybody loves the Dwarf Black Wax. Meaty and luscious; certainly a grand old variety. Owing to its exceptionally sweet buttery flavor Black Wax has always been one of the most popular and most generally grown.

While the pods are a trifle shorter than the old favorite Flageolet, they are much thicker, more rounded in shape and much more luscious. It has that rich flavor so much desired but seldom found; it is very brittle and tender, cooking rich and meaty. In habit of growth it is dwarf, averaging 14 to 16 inches and of a rich golden yellow color. Pkt. 5c, 1/2 lb. 35c, 1 lb. 65c. Postpaid.

Earliest Red Valentine

Very Early in the Spring
Late in the Fall

49—As an early "SNAP BEAN" praised by market gardeners and home growers, it is not easily excelled, combining all the necessary qualities such as earliness, productiveness and excellent flavor in a very marked degree. The bushes are of upright growth, of robust habit, with a uniform height of 16 inches. The pods which are usually ready to pick in about 45 days after germinating average 5 inches in length, of excellent flavor, the flesh being not only very meaty but of a decided sweetness. The shapely pods are well rounded, very saddlebacked, decidedly brittle and almost stringless, especially when young. The foliage is a deep rich green and ample to protect the beans from the sun. Pkt. 5c, 1/2 lb. 35c, 1 lb. 55c. Postpaid.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

Golden Eye Wax

29—A remarkable early type of Wax Bean. We are specially pleased with our trial rows during the past season and are confident this grand Bean bids fair to become as popular as any on the market. Our records show that it reached maturity in 46 days, i.e. from the date of planting to production of a four inch pod, which is the earliest we have yet grown. Unlike many of the wax podded varieties it is practically rust proof which is a valuable characteristic. A very hardy and profitable Bean producing handsome flat pods. Since preparing copy for this Catalog our crop has failed, so we are unable to offer this Season.

Other Varieties

- 30**—CANADIAN WONDER. The old Standard variety.....
96—SEVILLE LONG POD BROAD. Several days earlier than Broad Windsor and longer pods, but not quite so broad, excellent quality...
72—MCKENZIE'S FAMOUS MARROWFAT. A standard cropper and unsurpassed for baking.....
73—BOSTON EARLY NAVY. A splendid field variety and excellent for baking.....
74—WHITE FIELD. Prolific.....

Pkt.	Postpaid	
	1/2 lb.	1 lb.
.05	.35	.55
.05	.45	.75
Crop failed		
.05	.30	.50
Crop failed		



Wardwell's Kidney Wax

English Broad Windsor

An Old Established
Favorite

95—Fine for Exhibition. This sterling variety retains a prominent position and is one of the leading favorites for exhibition or table. We strongly recommend its more general use. Our Stock has been very carefully selected. Of large size and fine quality. Produces immense pods. Pkt. 5c, 1/2 lb. 45c, 1 lb. 75c. Postpaid.

Scarlet Runner or Climbing Bean

Both Ornamental and Useful

94—An old favorite for table use, being very early, exceedingly productive and fine flavor when cooked. This Bean is extensively used for ornamental purposes, as its leaves make excellent shade for bowers, arches, fences and trellises. It has a strikingly bright scarlet flower.

Pkt. 5c, 1/2 lb. 50c, 1 lb. 90c. Postpaid.

Ask for free booklet "How to Cook Vegetables Grown from McKenzie Seeds."

PHOTO-
GRAPHED
BY A. E.
McKENZIE
Co., LTD.



McKenzie's
Extra Early

Crosby's Egyptian

A Deservedly Popular Variety

126—An improvement on Extra Early Egyptian. One of the finest Beets in cultivation, introduced by that noted Boston gardener Mr. Crosby, which in itself is a sufficient guarantee of excellence. It is a turnip-shaped variety of very deep red color. Not so globular as Eclipse and fuller at the top than Flat Egyptian. It is of handsome and uniform shape and fine flavor. Altogether a grand variety, which we strongly recommend. Being a rapid grower, can be sown as late as July.

Pkt. **5c.**, 1 oz. **25c.**, 2 oz. **45c.**, 1/4 lb. **85c.**, 1/2 lb. **\$1.25.** Postpaid.

Egyptian Extra Early

The Earliest Turnip-shaped Beet

128—Considered by many prominent gardeners as an excellent forcing variety on account of its small top. Handsome dark red roots which are rounded on top but flat underneath with very small tap roots. Of dark red flesh, solid, crisp, tender, rich and sugary flavor and very fine grained. This variety continues a firm favorite with those who prefer to grow the flat types of Beet. Owing to its small tops can be planted closer than some sorts.

Pkt. **5c.**, 1 oz. **25c.**, 2 oz. **45c.**, 1/4 lb. **80c.**, 1/2 lb. **\$1.25.** Postpaid.

Other Varieties

	Pkt.	Oz.	2 oz.	1/4 lb.	1/2 lb.
125 —EDMAND'S EARLY TURNIP. In quality one of the finest; exceedingly dark; shape globular	.05	.25	.40	.75	1.15
127 —ECLIPSE. In form nearly globular, with a small tap root, and very small collar. Flesh dark red, zoned with a lighter shade; very sweet, crisp and tender, especially when young.	.05	.25	.40	.75	1.15
124 —COVENT GARDEN. A variety possessing the attributes which have made it so immensely popular with gardeners and home growers. The roots are half long, very broad at the crown, tapering very gradually towards the tip. Though not quite so early as the early round Beets it easily excels them for quality. The roots are absolutely devoid of coarseness.	.05	.25	.40	.70	1.25
139 —DETROIT DARK RED. Turnip shape. Remarkably smooth and uniform. Medium size, fine-grained and tender. Can be used early or late	.05	.25	.45	.85	1.25
140 —SWISS CHARD OR SPINACH BEET. Forms handsome plants 2 feet tall with beautiful broad midribs and smooth foliage.	.05	.30	.50	.90	1.50

PHOTOGRAPHED BY A. E.
McKENZIE Co., LTD.



Long
Smooth
Blood

Beet

McKenzie's Extra Early

Very Sweet and Tender

122—This choice selection still retains its prominent place and cannot be too strongly recommended to those who require an Extra Early Beet which for perfect shape, size and general use cannot be surpassed.

In many respects it resembles Crosby's Egyptian. The striking characteristics of this beet are its small tops, short roots, uniformity of size, delicious tenderness, freedom from woody or stringy roots, extreme earliness and perfection of shape. We firmly believe we have set a standard for purity in McKenzie's Extra Early, so high that it will stand out strongly and distinctly in a class entirely its own. To obtain a beet of perfect shape, coloring, freedom from woodiness, short tap root, perfect symmetry, true to type and small top has been our aim in this Beet. It is somewhat of a turnip shape, dark blood red in color, interior color is deep crimson, ridged or zoned in a most beautiful manner. Being a rapid grower and unsurpassed as a forcing variety, adapted to late and early sowing, it is especially valued by market gardeners.

Pkt. **5c.**, 1 oz. **30c.**, 2 oz. **45c.**, 1/4 lb. **85c.**, 1/2 lb. **\$1.40.** Postpaid.



Long Smooth Blood

Good for Fall and
Winter Use

129—Tops large, necks small, leaf green, roots large, tapering, growing even with the surface. Flesh dark red, zoned with a lighter shade; very tender and sweet, remaining so when kept till spring. A late variety and a good keeper.

Pkt. **5c.**, 1 oz. **20c.**, 2 oz. **35c.**, 1/4 lb. **60c.**, 1/2 lb. **\$1.00.**

Early Blood Turnip

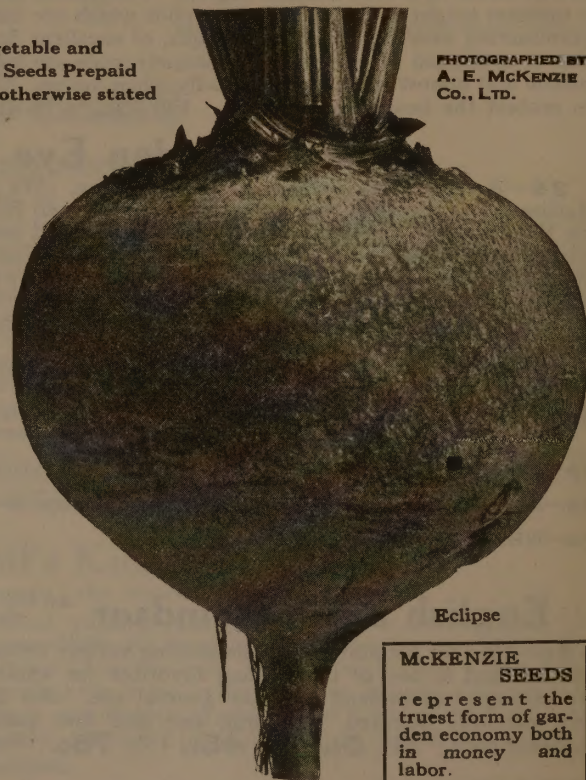
One of the Best
of its Class

123—One of the most popular round Beets in cultivation and deservedly so. A fine strain of excellent flavor and tissue. Averages 3 to 3 1/2 inches in diameter of remarkably smooth surface. It has a very small tap root and flesh is ringed with dark crimson entirely free of any stringy or woody character. Round beets are of the greatest value on account of earliness and have superseded the old fashioned flat types to a considerable extent. McKenzie's strain of this popular variety is in great demand.

Pkt. **5c.**, 1 oz. **25c.**, 2 oz. **40c.**, 1/4 lb. **75c.**, 1/2 lb. **\$1.15.** Postpaid.

All Vegetable and
Flower Seeds Prepaid
unless otherwise stated

PHOTOGRAPHED BY
A. E. McKENZIE
Co., LTD.



Eclipse

**McKENZIE
SEEDS**
represent the
truest form of gar-
den economy both
in money and
labor.

For descriptions and prices on Sugar Beet see page 36

Ask for pamphlet on
Celery Culture
is free on request

Celery



A fine crop of Brandon Prize



Brandon Prize The Earliest Celery

368—It is extremely early, practically self-blanching and highly ornamental. Very popular on account of its earliness and ease of culture. The peculiarity of this variety is that the stalks, portions of inner leaves and heart are silvery white, naturally rendering it almost self-blanching. The crisp, stringless, succulent stalks and prime nutty flavor are unequalled. Stalks are large, attractive and blanch to a beautiful snowy whiteness—bringing highest market prices. See illustration.



Pkt. 10c, 1/2 oz. 45c, 1 oz. 75c, 1/4 lb. \$2.25. Postpaid

White Plume Unsurpassed in Flavour

370—One of the earliest and most easily blanched. Fine for family use and market work. Its stalks are of the most ideal form, rich in flavor and fine in texture. Of most striking appearance on account of its beautiful white heart and elegantly marked leaves. While the inner stalks and heart are of pure white color without being blanched, yet the outer stalks should be tied up and the soil drawn around them in order to produce close attractive bunches. Pkt. 10c, 1/2 oz. 40c, oz. 70c, 1/4 lb. \$2.00. Postpaid.

McKenzie's Paris Golden Self Blanching

371—The plants are of compact semi dwarf habit and form numerous stalks. They are heavily ribbed, of golden yellow color—very crisp and tender. Leads all the self blanching varieties for earliness and productiveness. This is the variety so extensively grown in California for supplying the Northern Markets in the early season before the home products are ready. Altogether a very desirable sort to grow. Pkt. 15c, 1/4 oz. 85c, 1/2 oz. \$1.50, oz. \$2.50. Postpaid.



Giant Pascal Unrivalled for Winter Use

369—This is the popular winter and early spring variety so universally used owing to its exceptionally long keeping qualities. Makes large bunches of thick solid stalk which are very brittle, crisp and of rich, nutty flavor. It blanches very easily and produces a fine attractive stalk of pure whiteness.

Pkt. 10c, 1/2 oz. 40c, oz. 70c, 1/4 lb. \$2.00. Postpaid.

396—CELERIAC, OR TURNIP-ROOTED CELERY. Produces large turnip-like roots and is used chiefly for flavoring soups, salads, etc. Pkt. 5c, 1/2 oz. 30c, oz. 50c, 1/4 lb. \$1.50. Postpaid.

406—SOUP CELERY SEED (not for sowing). For flavoring only. Oz. 30c, 1/4 lb. \$1.00 Postpaid.

Borecole or Kale

611—DWARF GREEN SCOTCH CURLED. Leaves of a bright green, very tender and closely curled. Plants about 18 inches high. Quite hardy. Pkt. 5c, oz. 40c, 1/4 lb. \$1.25c. Postpaid.

612—TALL GREEN CURLED. Grows about 2 1/2 ft. high, making very attractive plants. Similar to the Dwarf but more vigorous. Pkt. 5c, oz. 40c, 1/4 lb. \$1.25c. Postpaid.

Broccoli

155—WALCHEREN. Medium sized, firm white heads similar to Cauliflower. Pkt. 5c, oz. \$1.00 Postpaid.

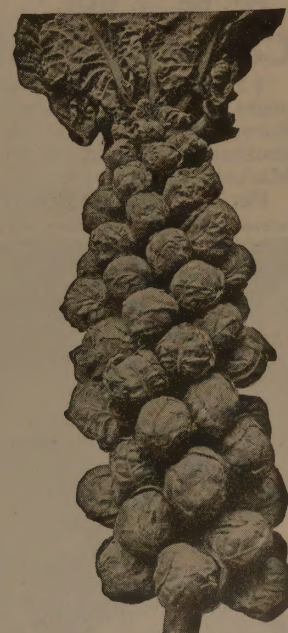
Brussels Sprouts

This old-fashioned delicate vegetable has not received the attention from gardeners that it deserves, especially in the Canadian West. It is very hardy. The plant belongs to the cabbage family and should be grown and cultivated like cabbage. The Sprouts which grow around the strong upright stems are large, tender and not easily affected by frost.

165—DALKEITH STRAIN. A very superior variety, most prolific, producing an enormous quantity of large sprouts delicious in flavor. Pkt. 5c, oz. 60c. Postpaid.

166—GIANT. A variety of medium height. Sprouts very firm and of superior flavor. Pkt. 5c, oz. 60c. Postpaid.

PHOTOGRAPHED BY
A. E. MCKENZIE CO., LTD.



Dalkeith Brussels Sprouts

PHOTOGRAPHED BY
A. E. McKENZIE
Co., LTD.



McKenzie's Northern Favorite

Cabbage First Early Varieties

McKenzie's Northern Favorite

The Standard Early Cabbage

175—Our illustration shows this grand variety with fully developed head.

It succeeds everywhere and the results have been so satisfactory, that gardeners, quick to recognize its merits, have made it their favorite in use as well as name. A more suitable variety for our prairie soils and climate could not be had anywhere.

There is no cabbage among the early varieties having a more solid head; it has also the peculiarity of heading firmly at an early stage in its growth, so that fine cabbages can be obtained long before maturity.

It seldom bursts and can be left in the field after maturity. Is medium early, hardy, conical shape heads about same the size as Early Winningstadt, attractive appearance, splendid keeper, mild and delicious flavor, fine quality. The leaves are of a dark green shade. (See illustration.) Pkt. **10c**, oz. **70c**, $\frac{1}{4}$ lb. **\$2.00**. Postpaid.



Early Winningstadt

A Popular Variety

182—Produces heads similar in size to Early Jersey Wakefield but more sharply pointed. It is not so early—grows very compact, short thick leaves or rich dark green and slightly glossy. Conical shape very hard and an excellent keeper. A grand variety for market gardeners. Pkt. **5c**, oz. **60c**, $\frac{1}{4}$ lb. **\$1.75**. Postpaid.

Early Jersey Wakefield

An ever popular strain of distinct merit

177—This is probably grown more extensively than any other type amongst the early section—in fact, it is considered to be the best first early oblong-headed cabbage in cultivation.

The heads are uniformly hard and solid. Pyramidal in form, generally pointed at the end, and have few outside leaves. The outer leaves, however, are usually thick and heavy, which enable it to stand cold weather without injury. Is considered a sure header; practically every grower of vegetables raises this variety for early table use. Has a mild and toothsome flavor.

Our strain of Jersey Wakefield combines in the highest degree the essential features so important in such an extensively grown variety. (See illustration.)

Pkt. **5c**, oz. **60c**, $\frac{1}{4}$ lb. **\$1.75**. Postpaid.

Copenhagen Market

The Market Gardener's Favorite

176—One of the largest and earliest Bell Shaped Cabbages yet introduced which has created quite a furore in Europe and America. A short stemmed variety. Is undoubtedly without a rival. Strongly recommended for Market or Home use.

Pkt. **10c**, oz. **85c**, $\frac{1}{4}$ lb. **\$2.75**. Postpaid.

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD



Glory of Enkhuizen

PHOTO-
GRAPHED BY
A. E.
McKENZIE
Co., LTD.



Early Jersey Wakefield

Glory of Enkhuizen

The largest Cropping Early Variety

179—Introduced from Holland several years ago and is rapidly gaining in popularity wherever it is grown. It produces fine marketable heads—very solid with few outer leaves. Grows dwarf and compact, permitting close planting and is remarkable for its uniform size and long keeping qualities. The heads are of medium size, tender and of fine flavor. Highly recommended. Is valuable for sowing late in the season for early winter use. (See illustration.)

Pkt. **10c**, oz. **75c**, $\frac{1}{4}$ lb. **\$2.25**. Postpaid.

Other First Early Varieties

	Pkt.	Postpaid. Oz.	$\frac{1}{4}$ lb.
178 —CHARLESTON WAKEFIELD. Only a few days later than Jersey Wakefield and about as large again. A favorite with Market Gardeners everywhere.....	.05	.60	1.75
180 —EXTRA EARLY EXPRESS. An early sort; makes firm conical heads; about one week earlier than the Wakefield	.05	.60	1.75
181 —EARLY SPRING. Another early flathead; solid, uniform and fine grained	.05	.60	1.75

Cabbage Seeds of proven merit are a Specialty with us.

Cabbage

Second Early Varieties

McKenzie's Brandon Market

202—It is the finest second early cabbage grown. Matures a few days later than the Early Jersey Wakefield, and a trifle later than Northern Favorite, but 4 or 5 days earlier than Succession.

One of the leading features in favor of this grand selection is its reliability to produce a crop—a factor of immense importance in this Western Country.



It will head under the most adverse conditions, and the eating quality is not excelled by any cabbage.

Grows quickly, very hard heads, not liable to burst, round, but slightly flattened on top. Darkish green in color, exceptionally tender, mild and fine flavor. Excellent for summer use and equally good for fall and winter. For boiling, slaw, sauerkraut and salads it is unsurpassed, being crisp, tender, sweet and mild. It is well adapted to Western Canada, growing well on all soils and withstanding hot, dry and extremes of weather. (See illustration.) Pkt. **10c**, oz. **70c**, 1/4 lb. **\$2.00**. Postpaid.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



Danish Summer Ballhead

See illustration below which gives a remarkably clear idea of this popular cabbage.

Pkt. **5c**, oz. **60c**, 1/4 lb. **\$1.75**. Postpaid.

Other Second Early Varieties

	Pkt.	Postpaid Oz.	1/4 lb.
205 — HENDERSON'S EARLY SUMMER . A desirable medium-sized, early flat-headed variety. A good keeper and does well in summer and autumn.....	.05	.60	1.75
206 — ALL SEASONS . One of the best; remarkable for its ability to stand hot sun and dry weather. Makes solid, hard heads of large size.....	.05	.60	1.75
207 — SUCCESSION . About ten days later than Early Summer. Is a dwarf, flat-head, light green and very solid.....	.05	.60	1.75
209 — VANDERGAW . Comes in with Succession and All Seasons; forms solid head.....	.05	.60	1.75

Gardening is more than the growing of plants; it is the expression of desire. The Garden made by one's own hands is always the best garden because it is part of oneself. A Garden made by another may interest, but it is another person's individuality.

L. H. BAILEY.

PHOTOGRAPHED BY
A. E. MCKENZIE
CO., LTD.



Brandon Market

Danish Summer Ballhead

Grows Splendid Heads

203—The selection of this variety during proper stage of growth is essential and great care is necessary to produce the true strain. Ours is the true imported Stock direct from Denmark and is the best obtainable. Grown specially for us by the most expert growers in that country. It is one of the newest cabbage introductions—Second early variety of exceptionally fine table quality. Produces heads absolutely round, very firm and solid. Inner leaves snow white. One of the best. Try it. (See illustration.)

Pkt. **10c**, oz. **80c**, 1/4 lb. **\$2.50**. Postpaid.

All Head Early

Aptly Named

204—One of the most popular kinds producing extra large heads, uniform in color, form and size. Remarkably free from "spreading" leaves thus permitting close planting and increased yield per acre. Considered to be one of the best large second early Cabbages. As its name indicates it is practically "All Head." Well worthy of attention from Gardeners and others.

Pkt. **5c**, oz. **60c**, 1/4 lb. **\$1.75**. Postpaid.

Early Flat Dutch

Of Hardy Constitution

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



Early Flat Dutch

Ask for Free Booklet, "How to Cook Vegetables grown from McKenzie Seeds."

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



Danish Stonehead

ONE WHO KNOWS

I have used nothing but your seeds for the past five years and am fully aware of their merits, as my next year's order will prove.

ALF. HILL,
Primate, Sask.

Sept. 1, 1917.

Savoy Drumhead

254—The Hardest of all Savoy and the leading type of this popular cabbage producing very large heads, firm and tender. It is a compact grower and of excellent flavor. Pkt. **5c**, oz. **60c**, $\frac{1}{4}$ lb. **\$1.75**. Postpaid.



Drumhead Savoy

Chinese White (Pe Tsai)

183—Another season's trial justifies us in advising our customers to order this. Somewhat resembles a Cos Lettuce in appearance, of mild flavor and may be eaten raw or cooked. It is unwise to sow it too early; in fact, best results seem to be obtained by sowing the beginning of July. It will be ready for use six weeks after, gives excellent greens, is a highly desirable vegetable, and will, we believe, establish itself as one of our leading cabbages in the West. See illustration. Pkt. **10c**. Postpaid.

Other Varieties

- 230**—MARBLEHEAD MAMMOTH. Largest late cabbage grown.....
- 231**—FILDERKRAUT. A large pointed variety, principally grown for stock feeding.....
- 232**—FOTTLER'S DRUMHEAD. A sure header; large, flat, solid.....
- 233**—SUREHEAD. This famous cabbage is most appropriately named, the heads are large, weighing from 10 to 15 lbs., very hard, firm and fine in texture.....
- 234**—PREMIUM LATE FLAT DUTCH. Old, well-known, large, late variety; flattened round heads, very solid and firm, adapted to a more varied climate than most varieties.....
- 235**—AUTUMN KING OR WORLD BEATER. An extremely large and solid heading variety, well suited for fall and winter.....
- SAVOY VARIETIES.** Produce firm, solid heads late in the fall, leaves very crinkled, the hardest of the cabbage family.
- 255**—NETTED SAVOY. Green curled, medium-size round heads; delicate flavor.....
- RED VARIETIES.**
- 281**—BLOOD RED DRUMHEAD. A standard variety, very deep red in color; large round heads, very hardy.....
- 282**—MAMMOTH RED ROCK. Largest and surest heading Red Cabbage ever introduced. Heads deep red to the centre, frequently averaging 12 inches in diameter and 10 to 12 pounds in weight. Excellent quality.....

Pkt.	Postpaid.	
	Oz.	$\frac{1}{4}$ lb.
.05	.60	\$1.75
.05	.60	1.75
.05	.60	1.75
.05	.60	1.75
.05	.60	1.75
.05	.60	1.75
.05	.60	2.00
.05	.60	2.00
.05	.75	2.25



Chinese White

Cabbage

Late and Savoy Varieties

[Danish Stonehead

The Best Red Cabbage

280—An excellent market type. Good for home use. A very superior variety of late Red Cabbage. It produces round or ball shaped heads of medium size as firm as a rock. Of intense purplish red coloring. The plants are of compact growth and can be planted closer in the rows than the Mammoth Rock. Unexcelled for pickling. A decided improvement over other Red Types. Pkt. **10c**, oz. **90c**, $\frac{1}{4}$ lb. **\$2.75**. Postpaid.

McKenzie's Danish Ballhead

A Highly Prized Winter Variety

229—This is the true original type of the famous Ballhead grown and imported direct from Denmark. Planters deeply interested in the improvement and economical value of the cabbage for home and market use hold this variety in great esteem on account of its attractiveness, uniformity of head, solidity and long keeping qualities. It weighs more than other sorts of equal size. The heads are crisp, tender and sweet, and unsurpassed for boiling, slaw or sauerkraut, etc. It is a long stemmed variety, of very round head. Especially recommended for low, moist and heavy soils. This is the variety so extensively used by growers in districts where heavy railway shipments to markets are made as it reaches the markets in fresh, solid bullet-like condition. As a winter keeper it has no superior. Pkt. **5c**, oz. **.75c**, $\frac{1}{4}$ lb. **\$2.25**. Postpaid.



McKenzie's Danish Roundhead

Of Exceptionally Vigorous Growth

228—Possesses all the important points which make it specially suitable for the West. It is extremely hard and solid; a field of this variety will give more firm heads per acre than any round cabbage grown. Its very few outer leaves permit of close planting, prevent blight and promote a vigorous growth. When trimmed for use it is a beautiful white, highly attractive, tender, crisp and sweet flavor. The three distinguishing features between this variety and the Ballhead long stem variety is that this type is from 8 to 10 days earlier, averages heavier and is a trifle more solid. An earlier shorter stemmed improved strain of Danish Ballhead.

Exceptionally fine keeper, stands the heat well also thrives in cool locations. We cannot recommend it too highly and wish our many customers would try it out and be convinced of its exceptional merit. Pkt. **5c**, oz. **.65c**, $\frac{1}{4}$ lb. **\$2.25**. Postpaid.

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.

Encourage the home garden, made by members of the family.

Carrot

Choicest Garden Strains

PHOTOGRAPHED BY
A. E. MCKENZIE
CO., LTD.

McKenzie's Garden Gem

Growing in Popular Favor

307—A general favorite wherever it is grown. We place it in the front rank of all the varieties we grow on account of its unexcelled sweetness combined with superior flavor, fine shape and size. This variety grows slightly longer than Oxheart and is more uniform in character. It requires very little cultivation, is easy to pull and is especially suitable for table use. Does well in all soils. In colour it is of deep orange red about 5 to 6 inches long and very smooth, practically no core, thick shoulder, very fine-grained, solid, and a superb keeper. A gem in every sense of the word. (See illustration.)



Pkt. 10c, oz. 40c, 1/4 lb. \$1.15 1/2 lb. \$2.00. Postpaid.

Oxheart or Guerande

McKenzie's Selection. One of the Best Table Carrots

308—Is a mid season variety, short, broad and thick, immensely productive and well adapted for early soils. Generally conceded to be most desirable for growing in soils too hard and stiff for the longer varieties as it does not grow more than six inches long. It averages 5 inches long and sometimes 4 inches in diameter. Bright Orange red. Very easily pulled. A grand old standard variety as popular to-day as any carrot of its type. It is so tender and sweet that it can be eaten raw and is therefore valuable for stock feeding. A universal favorite. (See illustration.)

Pkt. 5c, oz. 35c, 1/4 lb. \$1.00, 1/2 lb. \$1.60. Postpaid.

Half Long Scarlet Nantes

309—Gardeners pronounce this variety a most profitable type to grow. Its medium size permits of easy harvesting and it thrives under almost any conditions. Tops of medium size, roots cylindrical, smooth, bright orange color; flesh orange changing to yellow centre. Sweet and mild in flavor. Practically coreless. Ours is a specially selected stock.

Pkt. 5c, oz. 40c, 1/4 lb. \$1.20, 1/2 lb. \$1.85. Postpaid.

I am very well satisfied with the seeds; I had a splendid garden.

Mrs. RADKE,
Windthorst, Sask.
Sept. 7, 1917.

I have always had very good results from your seeds.

Mrs. R. LANGSTON,
St. Lazare, Man.
Sept. 8, 1917.



Early
Scarlet
Horn



Oxheart or
Guerande



McKenzie's
Garden Gem

The love of Gardens, as of every other beautiful and refining thing, must increase to the end of time.

L. H. BAILEY.

Early Scarlet Horn

313—A general favorite with those who prefer a carrot growing very short roots. Practically the earliest variety extant. It is blunt or stump rooted at the base carrying the thickness well throughout the length of the root. Highly recommended. (See illustration.)

Pkt. 5c, oz. 35c, 1/4 lb. \$1.00, 1/2 lb. \$1.60. Postpaid.

St. Valery

315—The finest strain of long red carrots growing 10 to 12 inches long. Broad at the neck and tapering to a point. Smooth skin, firm flesh, bright red color, delicious flavor and long keeper. Free from hard core or woodiness when grown quickly. No gardener should be without this excellent variety. Also suitable for field culture. (See illustration.)

Pkt. 5c, oz. 40c,
1/4 lb. \$1.00, 1/2 lb.
\$1.75. Postpaid.

The Onions, Carrots and Rape were excellent, also Peas.

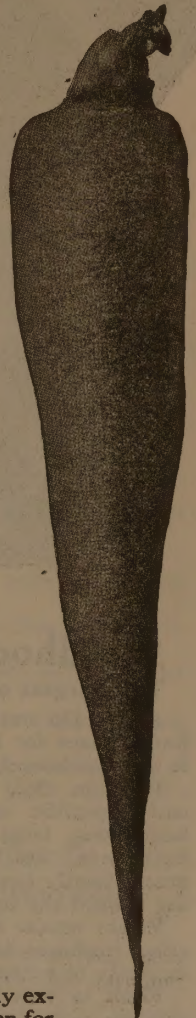
I am pleased with the results I obtained from your seeds.

Wishing you future success,

R. H. THOMAS,
Benito, Man.
Sept. 3rd, 1917.



Chantenay



St. Valery

Chantenay or Model

310—That there is a rapidly expanding and keener appreciation for this carrot is evidenced from the steady and growing demand each year.

Chantenay is a great carrot for both home and market use. Very attractive when served on the table.

It is a half-long or blunt rooted type, but differs from similar varieties by its greater girth, bulk and yield. A trifle larger than Scarlet Horn and broader at the shoulder.

It averages 6 to 7 inches in length, is free from core, rich orange red, finest table quality, fine-grained, tender, juicy, and delicately flavored; tops are small.

McKenzie's Garden Gem is strikingly similar, except that the Chantenay is blunt rooted, much like the Nantes. (See illustration.)

Pkt. 5c, oz. 40c, 1/4 lb. \$1.20, 1/2 lb. \$1.85. Postpaid.

Other Varieties

		Postpaid.			
		Pkt.	Oz.	1/4 lb.	1/2 lb.
311 —HALF-LONG SCARLET DANVERS.	Dark orange, smooth, good size, easily pulled.	.05	.35	1.00	\$1.60
312 —SCARLET INTERMEDIATE.	Pointed root deep orange red, intermediate in length, fine quality.	.05	.35	1.00	\$1.60
314 —FRENCH FORCING.	Very small, round and early.	.05	.40	\$1.15	\$2.00

PHOTOGRAPHED BY
A. E. McKENZIE CO., LTD.



McKenzie's Prolific

Fordhook White Spine

The Largest of the White Spine Family

549—Do not overlook "White Spine" but find a place for it in your garden, somewhere; it will handsomely reward your efforts.

It is an ideal variety for slicing. It is an early, prolific and continuous producer. It bears long, large fruits, thick and tapering to both ends. Its fruits are intensely rich, deep green, faintly marked with light yellowish shading toward the tip. Crisp and solid.

Fruits retain their dark green coloring and crisp freshness longer after pickling than the majority of varieties of this type.

Flesh is very fine grained, sparkling white and of most refreshing and delightful flavor. (See illustration.)

Pkt. **5c**, oz. **25c**, $\frac{1}{4}$ lb. **60c**, $\frac{1}{2}$ lb. **\$1.00** Postpaid.

Chicago Pickling

A Reliable and Bountiful Yielder

545—The keen appreciation of those who cultivate for profit or the very love of it, for this superb strain, demonstrates clearly that its merits are fully recognized.

Considered by many as the best variety there is. Extremely prolific, matures early, the young fruits are exceptionally fine for pickling, medium size, pointed end, large prominent black spines, deep green color. Vines set fruit very early and continue bearing longer than any other variety.

Pkt. **5c**, oz. **20c**, $\frac{1}{4}$ lb. **60c**, $\frac{1}{2}$ lb. **95c**. Postpaid.

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



Fordhook White Spine

Long Green

A General Favorite

550—Perhaps the most widely cultivated sort. Unsurpassed for all-round use. It is conceded to be the handsomest and best of all long green cucumbers which average 10 to 12 inches long when fully developed. Fine for slicing. The smaller fruits make excellent pickles. It is a medium early, prolific and continuous producer of uniformly large and symmetrical fruits of an intense rich deep green color. Our strain is exceptionally fine—far superior to the stocks ordinarily offered.

Pkt. **5c**, oz. **20c**, $\frac{1}{4}$ lb. **60c**, $\frac{1}{2}$ lb. **\$1.00**. Postpaid.

McKenzie's Big Crop Cucumber

There are no seeds offered which require greater care and selection than Cucumber. The growing and selecting of Cucumbers for seed demand special attention, in order to produce smooth and uniform fruits. Cucumbers should be planted in every garden, both to furnish large fruits for slicing on the table and also small young fruits for pickling. It is advisable to make two plantings—one as early in the Spring as possible and the other about June. By this method the first sowing will furnish fruits for table use during the summer months and the second planting will give also an adequate supply of young fruits for pickling.

McKenzie's Prolific

The Premier Strain

543—We cannot speak too highly of this grand selection which in our opinion has never been approached as a combination of all points of excellence. It is indeed the acme of perfection in all respects and the most prolific variety in cultivation. For rapidity and productiveness it stands alone. Admirably adapted for home use or market and distinctively the best sort to grow for pickles of medium size. A favorite with market gardeners. The vines are extremely healthy and vigorous and if fruits are regularly gathered will continue to produce an abundance of well formed, deep green, uniform fruits of medium size tapering gradually at each end. When developed to full size the fruits are of most excellent table quality, finely grained, perfect in color and delightful flavor. This strain is much superior to ordinary stocks of other types. A trial will soon prove its sterling merit. See illustration.

Pkt. **10c**, oz. **30c**, $\frac{1}{4}$ lb. **75c**, $\frac{1}{2}$ lb. **\$1.25**. Postpaid.



Early Frame

Good for Producing Pickles
of Medium Size

553—Early Frame, or perhaps better known as "Short Green," is another fine table or slicing cucumber that is very extensively used for pickling purposes. It is exceptionally productive, with very attractive, straight bright green fruit. While not as early as Early Cluster, it remains green a long time. The plants are very vigorous and hardy.

We particularly recommend this variety for a trial to any of our customers who are not familiar with it. It will give a most generous crop and prove highly satisfactory in every way. (See illustration.) Pkt. **5c**, oz. **20c**, $\frac{1}{4}$ lb. **50c**, $\frac{1}{2}$ lb. **90c**. Postpaid.

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



Early Frame

WELL SATISFIED.

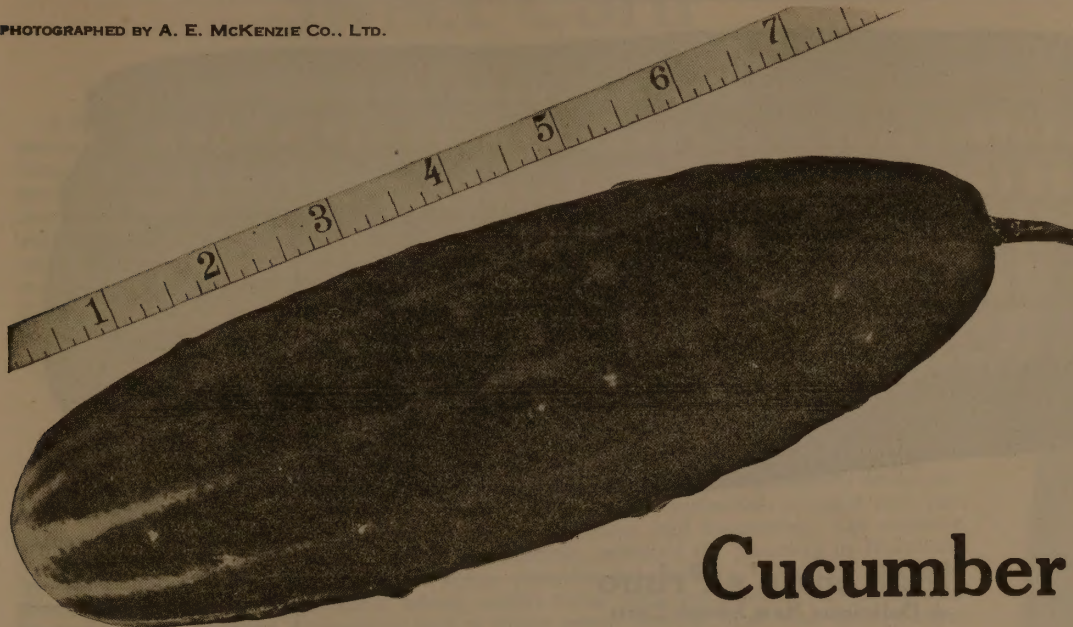
The supply of seeds I got from you this Spring were all very good. They all came up fine and did well. I am well satisfied with my order. **ALBERT C. SNYDER**,
Aug. 28, 1917. Lestock, Sask.

**Reasons Why
You Should
Order Early.**

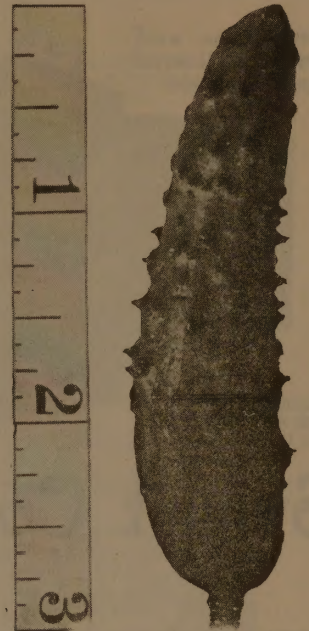
There is a tremendous demand for McKenzie Seeds. The right time to order is promptly after receipt of this Catalog. Seeds are scarce this year and we advise you not to wait until the last minute. The only fair way to ship orders is in strict rotation as received. **WHY NOT ORDER TO-DAY?**

Remember—it's *always* the quality that sets the price.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



Early Fortune



Early Fortune as a Pickle

Cucumber

Early Fortune (New)

556—This splendid new Cucumber was discovered in 1906, and immediately attracted attention on account of the uniformity of its fruit, rich dark green color, earliness and its distinctiveness from any other known sort.

The plant is very productive and is distinguished by its vigorous growth and by having leaves which are a little larger than is found in the ordinary varieties and with a thick leaf texture which renders it less susceptible to plant diseases.

The fruits, when matured to the slicing stage are uniformly $7\frac{1}{2}$ to 8 inches in length slightly tapering toward each end and in outline an almost perfect circle, showing none of the depressions so characteristic of other types and which means bitterness.

In color it is a very rich dark green which does not fade to a light, washy green, as do so many other varieties, when shipped a long distance.

The **EARLY FORTUNE** is one of the very best. It is not only most productive but the stock has been bred to such a uniformity of type that even the small pickling sizes show this uniformity. (See illustration.) Pkt. **10c**, oz. **25c**, $\frac{1}{4}$ lb. **85c**, $\frac{1}{2}$ lb. **\$1.50**, Postpaid.

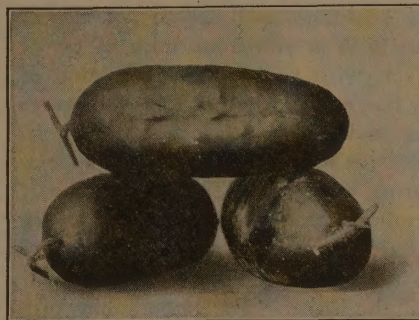
Early Russian

Distinct from All Others

555—This new introduction has done remarkably well in the Canadian West and we particularly recommend it. The earliest and smallest variety grown. It ripens in less than three months from time of planting. Specially noted for its remarkable productiveness, each plant bearing six to eight fruits about three inches in length and one and a half inches in diameter of a yellow color. A distinctive type which will surely appeal to growers of this popular vegetable. (See illustration.)

Pkt. **5c**, oz. **25c**, $\frac{1}{4}$ lb. **60c**, $\frac{1}{2}$ lb. **\$1.00**, Postpaid.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



Early Cluster

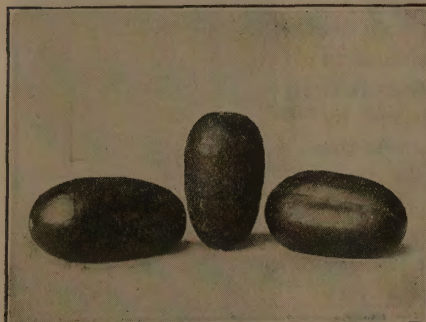
Like the love of music, books and pictures, the love of gardens comes with culture and refinement and with the ripening of home life. L. H. BAILEY.

Davis Perfect

Later Maturing but Handsomely Uniform

554—Our selection produces long even fruits of fine form with an intensely dark rich green skin. Of solid white flesh of superb quality for slicing and contains few seeds. The flavor is excellent, fruits tender and brittle. Entirely free from coarseness. Vines of strong growth and very prolific. It matures a little later than other varieties offered. Essentially a market gardener's variety on account of the distinctly handsome and uniform fruits it produces, thus commanding a higher price. Very prolific. Pkt. **5c**, oz. **25c**, $\frac{1}{4}$ lb. **75c**, $\frac{1}{2}$ lb. **\$1.25**, Postpaid.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



Early Russian

Other Varieties

	Pkt.	Oz.	$\frac{1}{4}$ lb.	$\frac{1}{2}$ lb.
		Postpaid		
544 —EVERGREEN. Hardy, early, and wonderfully prolific; fruits of medium size, crisp and finely flavored for slicing.....	.05	.20	.60	1.00
546 —COOL AND CRISP. Long, slim; splendid for slicing.....	.05	.25	.60	1.00
547 —EARLY CLUSTER. The great pickling variety.....	.05	.25	.65	1.10
548 —EVERBEARING. Very early and prolific; small size; continuous producer.....	.05	.25	.60	1.00
552 —WHITE WONDER. An old favorite of excellent quality.....	.05	.25	.60	1.00

SEEDS MOST SATISFACTORY

The seeds I bought from you were most satisfactory, and the best seeds I have sown. I got the best results since I have been in the country.

Mrs. FRED PARISH,
Kenton, Man.
Sept. 19, 1917.

McKenzie Seeds "prove up" to gardeners' expectations

Corn, Peas and Beans delivered postage free.



PHOTOGRAPHED BY
A. E. McKENZIE
CO., LTD.

Sweet Corn

McKenzie's
Primo

McKenzie's Primo A Delicious New Sweet Corn

487—Undoubtedly one of the best of our recent introductions and has been thoroughly tested and tried out before being offered. We recommend it highly. The quality is exceptionally fine. It grows four to five feet high and produces ears of large size, measuring 8 to 10 inches in length. For earliness it is unsurpassed by any other variety. The sweetness of the grains is a particular noticeable feature, and when eaten from the cob one cannot help but appreciate the decided breadth of grain which allows of easy scoring with a knife. Every gardener should give it a trial. (See illustration). Pkt. **10c**, $\frac{1}{2}$ lb. **45c**, 1 lb. **75c**. Postpaid.



Offers in this catalog of Beans, Corn and Peas, are by pound, and not by pint. The difference in weight to the buyer varies from one ounce to one quarter pound in favor of buying by weight.

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



Early July Corn

McKenzie's Northern Success

477—The outstanding features of this corn are luscious sweetness and delicacy of flavor. For earliness it is in the front rank of Sweet Corns, in fact, with the possible exception of Peep o' Day (the next earliest variety) it matures several days earlier than any other sweet corn we know of. Stalks grow to about 4 feet, usually bearing three to five ears. Of dwarf habit it permits of close planting and is a very heavy yielder. Its sweetness and delicacy of flavor have made it one of the most popular varieties in the West. Its remarkable productiveness attests to its particular fitness for our varied soils. Our customers should bear in mind that sweet corn produced in the North is earlier and more hardy than the same varieties grown farther south. Since preparing copy for this catalog our crop has failed so, we are unable to offer this season.

Early July

An Exceptionally Early Variety

483—This is a very dwarf variety and there is no doubt that it fully maintains our claim to be one of the Earliest Corn yet introduced. We have been selecting and breeding several varieties of corn for many years and believe we have now succeeded in our efforts to produce probably the earliest in the world without in any way detracting from the quality. It grows about $2\frac{1}{2}$ to $3\frac{1}{2}$ feet high, producing small ears of exquisite flavor. May be planted very close. Sown about 15th May will produce ears ready for use about 1st July. You should secure a quantity of this seed. A really grand corn.

Pkt. **10c**, $\frac{1}{2}$ lb. **40c**, 1 lb. **70c**. Postpaid.

Indian Sweet

Very Early—Very Sweet

484—A new red, very sweet corn which has fully justified the opinion we formed of it at the commencement of our experiments. It is nearly as early as "McKenzie's Early July"—about the same height and equally as sweet. When dry, of a dark red color. A very desirable sort to grow and one which we strongly recommend to market gardeners and private gardeners. Quantity on hand is limited, so please order early. (See illustration.) Pkt. **10c**, $\frac{1}{2}$ lb. **40c**, 1 lb. **70c**. Postpaid.

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.

Mammoth White Cory

486—This is very similar to Early White Cory, and as it is quite as early is preferred by many of our customers. As the name denotes it grows to a somewhat larger size. Kernels are broader and the ears average somewhat larger. We believe this variety will become very popular. Pkt. **5c**, $\frac{1}{2}$ lb. **35c**, 1 lb. **55c**. Postpaid.



Indian Sweet

"McKenzie Seeds" are household words in the West

Sweet Corn

Golden Bantam

479—GOLDEN BANTAM stands unchallenged as one of the greatest table delicacies. Its extreme earliness, is perhaps, its greatest virtue, particularly in this Western Country where corn must of necessity be a short season crop. Its next meritorious essential is its exceptional hardiness and ability to withstand unfavorable weather, as this variety successfully withstands cold nights and early frosts, when many other varieties fail to mature. It is the richest-flavored corn grown, and its creamy yellow color deepens almost to an orange as the season advances. Golden Bantam yields as many ears to the stalk as most varieties; but the ears being larger than Peep o' Day the yield per acre is relatively greater. Of dwarf growth it averages from 4 to 4½ feet in height, permitting of close planting. (See illustration.)

Pkt. 10c. ½ lb. 40 c. 1lb. 65c. Postpaid.

Peep o' Day

Grows to Perfection Throughout The West

478—For a number of years this great table delicacy has been gradually acclimatized to our Canadian climate, until to-day it grows with perfection all over our fair domain. It combines the essential features of earliness and sweetness. On account of its earliness Peep o' Day sweet corn is especially adapted for planting in Northern latitudes and in high altitudes where some varieties fail entirely. Peep o' Day produces a large number of "suckers" which, unlike other varieties, produce full sized, well formed ears. It is not unusual to find a single plant bearing from four to five ears. The yield per acre is therefore very large. The stalks grow 3½ to 4½ feet in height, and having light foliage may stand very close together. The ears are small, 5 to 6 inches in length. The kernels, though not large, are of good substance and borne 8 to 12 rows to the ear. Regret cannot offer this season owing to crop failure.

Early White Cory

A Sweet Corn of Superior Excellence

481—While Peep o' Day and Golden Bantam are generally conceded to be "sweeter" than White Cory, many claim that the kernel being deeper it is more luscious. The fine shape, superb size, most luscious tenderness and delicious flavor to which White Cory attains have demonstrated that it is adapted to our varied conditions. It is very early, fine large ears, compactly filled with uniform kernels. Stalks average about 4 feet.

Pkt. 5c. ½ lb. 35c. 1 lb. 55c. Postpaid.

Early Malcolm

A Wonderful Early Variety

482—Since preparing copy for this catalog, our grower reports crop failure, so we regret being unable to offer this season.

IMPORTANT

Owing to war conditions and the consequent difficulties of replenishing stock of some varieties, we will take the liberty of substituting the nearest variety to that ordered in the event of stock desired being sold on receipt of order unless customers request us not to do so. This applies generally to Vegetable and Flower seeds.

Squaw

A Native Variety

480—Squaw remains one of the foremost varieties in the Canadian West. Stalks are dwarf, growing to a height of 3½ to 4 feet. Cobs are smaller than any other variety, averaging 4½ to 6 inches in length, always well filled with dense rows of fine flavored corn; invariably ready for use the end of July. Being a flinty variety it is not as sweet as the so-called sweet varieties. To insure stock true to name, ours is grown for us by the Indians.

Pkt. 10c. ½ lb. 30c. 1 lb. 50c. Postpaid.

Like the love of music, books and pictures, the love of gardens comes with culture and refinement and with the ripening of home life. L. H. BAILEY.

White Rice

501—The standard variety, sown for the production of corn for popping. See page 86 for popping corn.

Corn Salad or Fetticus

521—LARGE-LEAVED DUTCH. Used for Salad.

Cress or Pepper Grass

531—EX. TRIPLE CURLED. Crisp, pungent leaves, finely cut and ornamental, used as a condiment and for garnishing; rapid growing, dwarf and compact.

532—UPLAND. Resembles water-cress, but succeeds in dry soil

533—WATER. Where possible transplant to banks of running stream.

Pkt.	Postpaid		
	Oz.	½ lb.	1 lb.
.05			.35
.05	.30	¼ lb.	.80
.05	.20		.50
.10	.75		
.10	1.00		

You may not have given it a thought—but call it what you will, a HOME in a GARDEN is more than a HOUSE in a VACANT LOT.

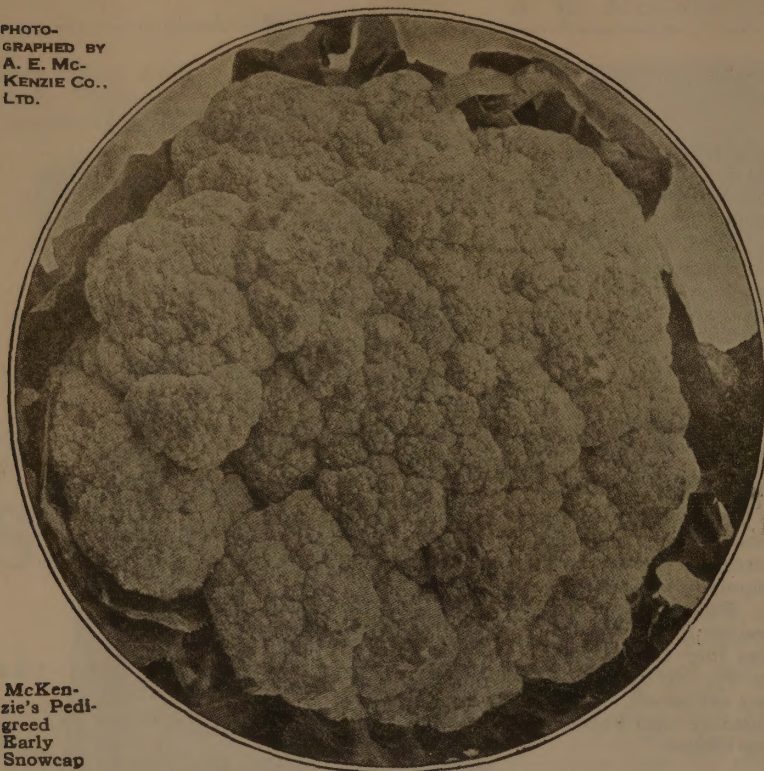
Sugar Corn is one of the most important crops with the House of McKenzie.

PHOTOGRAPHED BY
A. E. MCKENZIE
CO., LTD.



Golden
Bantam

PHOTO-
GRAPHED BY
A. E. Mc-
KENZIE CO.,
LTD.



McKen-
zie's Pedi-
greed
Early
Snowcap

Snowball

340—One of the leading varieties of Cauliflower. Considered to be the best type for earliness, compact habit and uniformity of shape. Its compact size is one of its chief characteristics. Very early, white and solid. Heads surrounded by few short upright leaves. Unequalled for forcing and one of the best for late Summer and Fall crop. (See illustration). $\frac{1}{2}$ pkt. **15c.** pkt. **25c.** $\frac{1}{4}$ oz. **\$1.25.** $\frac{1}{2}$ oz. **\$2.00.** 1 oz. **\$3.75.** $\frac{1}{4}$ lb. **\$11.00.** Postpaid.

Other Varieties

342—LENORMANDS SHORT STEM. A large late variety with well formed heads on extremely short, stout stems. Produces large and solid heads, pure white, and keeps well. Hardy and productive. Pkt. **5c.** $\frac{1}{4}$ oz. **50c.** $\frac{1}{2}$ oz. **80c.** oz. **\$1.35.** $\frac{1}{4}$ lb. **\$4.00.** Postpaid.

343—EXTRA EARLY PARIS. Produces heads of medium size, forming soon; stem rather long, leaves narrow, almost straight. Ready to cut three weeks after McKenzie's Early Pedigreed Snowcap. Pkt. **5c.** $\frac{1}{4}$ oz. **50c.** $\frac{1}{2}$ oz. **80c.** oz. **\$1.45.** $\frac{1}{4}$ lb. **\$4.00.** Postpaid.

344—VEITCH'S AUTUMN GIANT. Recognized in the British Isles as the Standard late variety and is a grand selection. Produces very large heads, firm, white and well protected. Pkt. **5c.** $\frac{1}{4}$ oz. **35c.** $\frac{1}{2}$ oz. **60c.** oz. **\$1.00.** $\frac{1}{4}$ lb. **\$3.00.** Postpaid.

CHERVIL. It is more finely curled and handsome than parsley, is excellent for garnishing.

	Pkt.	Oz.	Postpaid. $\frac{1}{4}$ lb.
426 —SELECTED STOCK.....	.05	.20	.60
CHICORY.			
436 —LARGE-ROOTED MAGDEBURG.....	.05	.50	1.75
COLLARDS. Largely used as greens in some parts. They are a form of cabbage, bearing new leaves as the old ones are pulled off.			
467 —SELECTED STOCK.....	.05	.30	

Citron For Preserves

Citron will grow anywhere in Western Canada to perfection, and every economical housewife should make it her duty to see that not less than one ounce is included in the spring order for seeds.

In size and shape it is the most perfect. Its superlative qualities would delight the most critical epicure, for its sweetness makes it one of the most delicious table delicacies to be had. (See illustration.)

446—RED SEEDED..... Pkt. **5c.** oz. **25c.** $\frac{1}{4}$ lb. **65c.** Postpaid.
447—GREEN SEEDED..... Pkt. **5c.** oz. **25c.** $\frac{1}{4}$ lb. **65c.** Postpaid.

McKenzie Seeds—always growing—in popularity.

Cauliflower

McKenzie's

Pedigreed Early Snowcap

The Choicest Strain in the World; Succeeds where All Others Fail

339—The Prairie West produces exceptionally fine quality cauliflowers and we have never seen finer specimens than those annually grown in the West. McKenzie's Snowcap is excellent for both early and late planting. It grows more heads to a given area than later maturing sorts owing to its close growing habit. To those who have not been successful in their efforts to grow Cauliflowers we would say "Try McKenzie's Snowcap" which is without doubt a wonderful combination of earliness, firm heading character, handsome appearance and superior quality. Market gardeners speak very highly of it as well as growers for private use. The finest quality cauliflower for all seasons.

The plants are compact, with a few narrow, upright leaves and are well suited for close planting. The heads are solid compact, round, very white and curd-like, and are developed earlier than those of any other sort. So extremely solid and deep are the globe-shaped heads that they weigh heavier than other heads of equal size, and the flavor is most luscious and deliciously sweet. (See illustration).

$\frac{1}{2}$ pkt. **15c.** pkt. **25c.** $\frac{1}{4}$ oz. **\$1.20.** $\frac{1}{2}$ oz. **\$2.00.** 1 oz. **\$3.75.** $\frac{1}{4}$ lb. **\$11.00.** Postpaid.

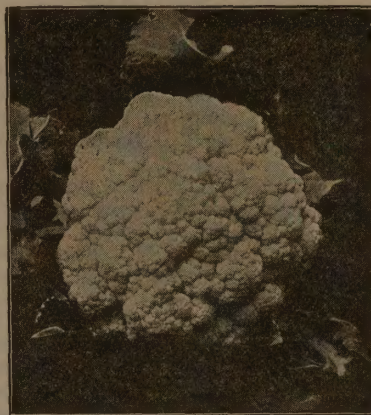


Early Dwarf Erfurt

(Selected)

341—One frequently sees the word "Selected" in Seedsmen's Catalogues which indicates the Stock has been carefully chosen during a certain stage of the growth. This word applies more particularly to Cauliflower than perhaps any other seed sold. Selection is absolutely necessary in order to obtain that high standard of quality which is so essential to meet the requirements of those who grow for market or private use. The stock we offer is unquestionably of the finest "Selected" Strain. The EARLY DWARF ERFURT is very early, small leaved, produces large, close heads of exceptional solidity and whiteness and is very fine for forcing. $\frac{1}{2}$ pkt. **15c.** pkt. **25c.** $\frac{1}{4}$ oz. **\$1.00.** $\frac{1}{2}$ oz. **\$1.85.** 1 oz. **\$3.50.** $\frac{1}{4}$ lb. **\$10.00.** Postpaid.

PHOTOGRAPHED BY A. E. MCKENZIE, CO. LTD.



Snowball

PHOTO-
GRAPHED BY
A. E. Mc-
KENZIE
Co.,
LTD.



Red Seeded Citron

Water Melon

Some idea of the successful cultivation of these may be gained when we say there is one district in Manitoba where water-melon has been grown and shipped in carload quantities.

McKenzie's Extra Early Sugar

The Earliest on Earth

- 771—This is one of the most delicious water melons ever introduced. Grows oval in shape, small and color mottled dark and light green. Very solid and sweet. Bright red flesh. (See illustration). Pkt. **10c**, Postpaid.



- 770—PEERLESS (White seeded). Of unquestionable quality; very early, of medium size, thin rind, flesh bright scarlet. Pkt. **05c**, oz. **20c**, $\frac{1}{4}$ lb. **60c**, Postpaid.

Musk Melon or Canteloupe

McKenzie's Early Leader

- 746—Quite distinct. Well netted all over. Very often completely round. Green fleshed and small ribbed. A valuable acquisition. Regret cannot offer this season owing to crop failure.



- 743—PAUL ROSE. Is the result of a cross of the Osage and Netted Gem varieties. It has a peculiarly sweet, rich, delicious flavor, and is a long keeper.
744—EMERALD GEM. Undoubtedly the finest in flavor of any variety. Skin is a rich, deep emerald green; flesh is thick, crystalline in appearance, and of rich salmon color, rind thin, small seed cavity.
745—EARLY HACKENSACK. This is one of the best, as well as the earliest, hardest and most prolific of Netted Musk Melons.

Miscellaneous Vegetable Seeds

Egg Plant

- 579—NEW YORK IMPROVED PURPLE. This is an entirely spineless strain, producing grand, large fruit, thick and of most attractive form—large and well colored. An excellent variety.

Endive

- 589—GREEN CURLED. Finely fringed leaves of bright green color. Tender and crisp when properly blanched. The most popular variety—very hardy.
590—MOSS CURLED. Resembles a bunch of moss, dark green, blanches beautifully.
591—WHITE CURLED. The thick centre leaves are naturally of a pale, yellow color, exquisitely curled and very finely cut. Always crisp and tender.

Kohl Rabi

- 638—EARLY WHITE VIENNA. Of excellent table quality—equally good for forcing or cultivation in the open. Flesh is white and very tender. When ready for use the bulbs are about the size of an apple.
639—EARLY PURPLE VIENNA. Not quite so early as the White but slightly larger in size. Similar in every other respect excepting color—the skin being a purplish red.
640—GOLIATH PURPLE. Similar to above but grows larger. Of excellent flavor.

Leek

The culture of this valuable vegetable only needs to be more general for it to be better appreciated. It is very hardy, easy to grow and one of the most useful all round vegetables in the garden.

- 651—MUSSELBURG. A splendid Scotch strain, its extreme hardiness making it a very suitable variety for the cool climate of the Western Provinces. The stems are perfectly white, thick, and of uniform evenness throughout. Under favorable conditions, specimens may be grown 18 inches in length. When properly cooked no vegetable can excel the Leek for wholesomeness.
652—BROAD LONDON OR ENGLISH FLAG. A large, strong growing variety which produces thick stems of sweet flavor.
653—CARENTAN. Highly recommended for quality and size of stalk which produce broad, flat, leaves.

Lemon

- 672—GARDEN. Small, round fruit; acid flavor.

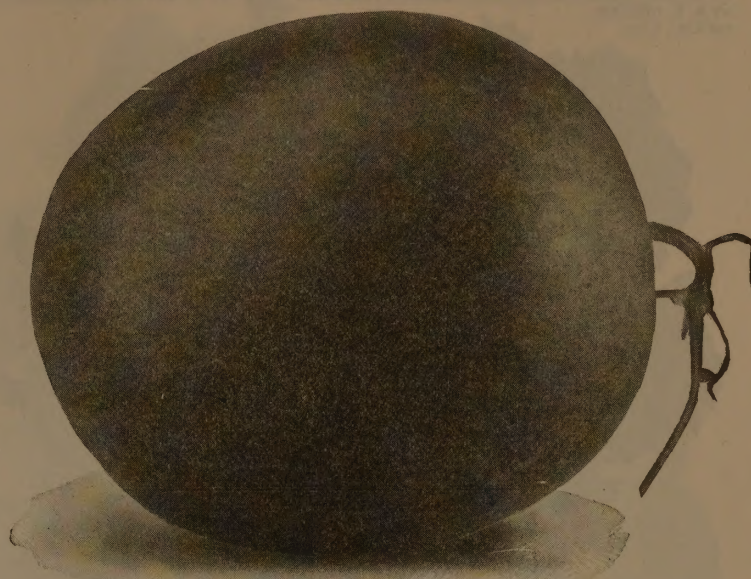
Mango

- 775—VEGETABLE ORANGE. The fruits are of oval shape of a golden yellow color. The unripe fruits are excellent for jellies, preserves, tarts or pickles, and make splendid Mangoes when stuffed with cabbage like peppers.

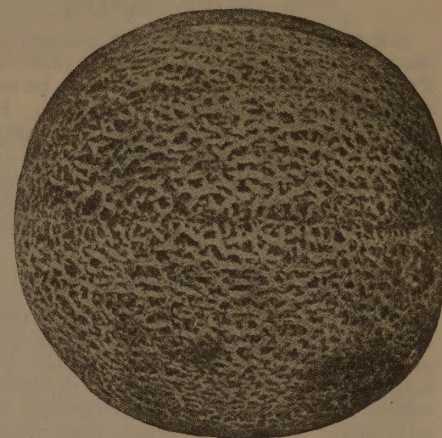
Mustard

- 810—WHITE LONDON. The best for salads. per lb. **1.25**

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



McKenzie's Extra Early Sugar



Early Hackensack



Mushrooms

Mushroom Spawn

790—The culture of mushrooms is so simple that it is surprising they are not more generally grown in the West. Anyone can raise an ample supply for home and market use at very little cost. It is acknowledged by all successful mushroom growers that the first and most important thing to be considered is the Spawn. If the spawn is not good, it is impossible to attain success. Stock offered by us is the Genuine English, imported direct from the best sources known, and will, under ordinarily favorable conditions, give satisfactory results. Special printed cultural instructions accompany each order. Per Brick, **45c**, 5 Bricks **\$1.75** postpaid; 5 Bricks by Express for **\$1.00**.

Pkt.	Postpaid		$\frac{1}{4}$ lb.
	Oz.		
.05	.25		.75
.05	.25		.75
.05	.25		.75
.10	1.20		
.05	.30		.90
.05	.30		.90
.05	.30		.90
.05	.35	1.00	
.05	.35	1.00	
.05	.40	1.20	
.05	.40	1.35	
.05	.40	1.35	
.05	.40	1.35	
.05	.50		
.05	.30	1.00	
.05	.15	.45	

Ask for leaflet "Mushrooms by simple methods."

PHOTOGRAPHED
BY A. E. McKEN-
ZIE CO., LTD.



May King

A Heavy Heading
Lettuce

684—Introduced into this country about five years ago and its merit was instantly recognized by planters throughout the Dominion. To-day it is considered by many to be one of the best early heading, butterheaded Lettuces in commerce. Planted on the open ground very early in the Spring the plants quickly form attractive tightly folded heads 6 to 8 inches in diameter. Each head will weigh nearly a pound on the average. Of exceptionally fine, rich, buttery flavor. Outer leaves light green with bright yellow inner leaves.

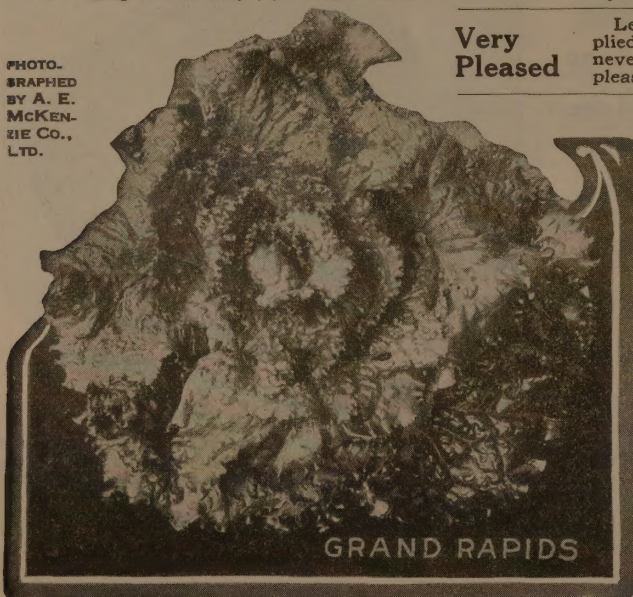
Pkt. 5c, oz. 30c, 1/4 lb. 90c. Postpaid.

Denver Market

Tender, Crisp and
Delicious

689—A standard variety of proved merit. The leaves are beautifully marked and crinkled like Savoy Cabbage, which distinguishes it from any lettuce grown. Conical in shape; beautiful, bright, soft green outer leaves; it blanches to a rich golden yellow within. It grows to a nice large size and retains its crispness and mild flavor to a greater degree than most varieties during excessively hot weather. Notwithstanding its adaptability to heat, it is a most desirable variety for spring and fall and is one of the most popular with market gardeners owing to its beautiful appearance and being one of the best for forcing.

Pkt. 5c, oz. 30c, 1/4 lb. \$1.00. Postpaid.



GRAND RAPIDS

PHOTO-
GRAPHED
BY A. E.
McKEN-
ZIE CO.,
LTD.

Very
Pleased

Lettuce, McKenzie's Prairie Queen surprised me. For 5 cents' worth of seed I have supplied my table twice a day for three persons the whole summer. Stayed crisp and green, never turned color; still, I never watered my garden once. Other seeds done fine. I am very pleased.

WALTER F. BISGAARD, Fife Lake, Sask.

Lettuce

McKenzie's Prairie Queen

The Standard Loose Leaved Variety

682—If you grow this selection in your garden you will be pleased with it. Repeat orders year after year prove that its merits are appreciated by discerning customers. It produces a Lettuce of finer quality and flavor than can be obtained from any other type. It is of handsome appearance, a strong grower and not subject to rot. Shows a wonderful combination of earliness, handsome appearance and fine quality.

From repeated plantings both in cold frames and the open ground, it has proved to be the earliest as well as the surest loose-headed variety grown and the most desirable forcing variety to be had. The somewhat closely folded nature of the leaves gives the maximum quantity.

From a light green outer leaf it blanches to a rich yellow tint. Very crisp and delicious. (See illustration.)

Pkt. 10c, oz. 30c, 1/4 lb. \$1.00. Postpaid.



PHOTOGRAPHED
BY A. E. McKEN-
ZIE CO., LTD.



May
King

All Seasons

One of the Best
Butterheads

683—As implied by its name it may be grown with success in the spring, summer or fall.

Distinctly a Head Lettuce. Very large, conical shape, handsome, extremely solid, leaves a light greyish green, does not spot or turn brownish, broad leaves, sure header, slow to run to seed. Great heat resister. Retains its freshness. Crisp and of extraordinary fine flavor. An ideal type of recent introduction. Pkt 5c, oz. 30c, 1/4 lb. 90c. Postpaid.

Grand Rapids

A Popular Loose
Leaved Lettuce

687—The use of Grand Rapids in a commercial way has grown from a very small beginning to large proportions, as it is the most popular variety for Greenhouse and Garden alike.

Of unusually rapid growing habit, even under most adverse conditions. Remains long in fine table condition after maturity. Retains its freshness long after being cut.

It is a Loose Leaved Lettuce, robust grower, large, light yellowish, green leaves, beautifully curled and when properly grown forms a perfect ball shape. Free from bitter taste, very sweet, rich flavor. (See illustration.) Pkt. 5c, oz. 30c, 1/4 lb. \$1.00. Postpaid.

McKenzie Lettuce Seeds grow deliciously flavored vegetables.

Lettuce

Hanson Very Hardy

691—On account of its exceptionally hardy constitution this variety is particularly suited to our climate. It has been proved to stand extremes of weather, better perhaps, than any of the crisp heading sorts. Of attractive green color with inside leaves almost white in the centre. A fine large headed variety. For table quality is unsurpassed with a marked freedom from bitterness, in fact it is notable for its sweetness and delicacy of flavor. Does not wither but keeps in good condition after reaching maturity. (See illustration.)

Pkt. **5c**, oz. **30c**, $\frac{1}{4}$ lb. **90c**. Postpaid.

THE DIFFERENCE

Quality in Seeds mean inbred characteristics, but disappointed gardeners are apt to think that all seeds are alike and that some are more expensive merely because the Seed House wants more profit. Seed selection and breeding costs money which accounts for the difference between good seeds and low priced cheap seeds. Very low priced seeds are like ten cent pocket knives and two dollar boots, too "cheap" to be economical.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



Iceberg Lettuce

Iceberg

Grows Large Heads

688—Noted for its large solid head and curled leaves. Its dependability to grow quickly and produce crisp tender leaves has won for it a prominent place amongst heading varieties. Bright green in color. May be sown early in Spring or during the later Summer months. (See illustration.)

Pkt. **5c**, oz. **30c**, $\frac{1}{4}$ lb. **90c**. Postpaid.

Big Boston

Tender and Sweet

690—Considered by those who have grown this popular variety to be the best midseason or Summer Lettuce on account of its ability to withstand great variations of temperature. A large heading, forcing sort, very vigorous and hardy with thin, hard, bright green and broad, comparatively smooth leaves. Quite tender. Highly recommended. (See illustration.)

Pkt. **5c**, oz. **30c**, $\frac{1}{4}$ lb. **\$1.00** Postpaid.

Hanson

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



Big Boston Lettuce

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

California Cream Butter

Of Fine Appearance

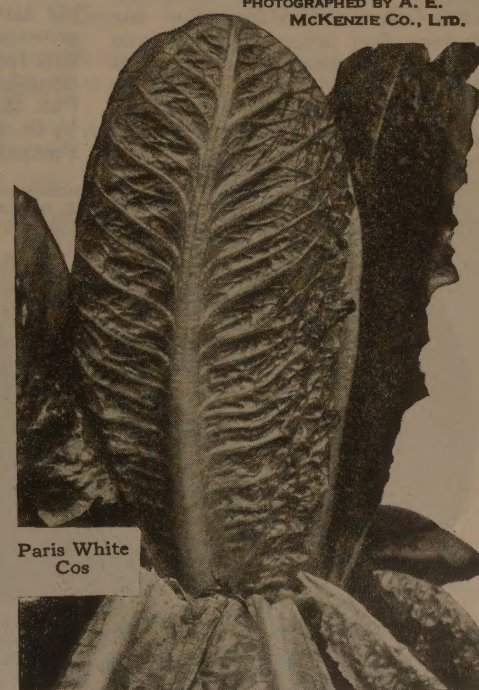
686—One of the best Summer varieties of Head Lettuce. Rich and buttery to the taste. Produces fine cream-yellow leaves which are very pleasing in appearance. The Heads are of good size, round and solid and slow to go to seed. A variety which should be more generally known and grown. Pkt. **5c**, oz. **30c**, $\frac{1}{4}$ lb. **90c**. Postpaid.

Other Varieties

- 685**—**BLACK SEEDED SIMPSON.** One of the best summer varieties (Crisp-leaf).....
- 692**—**NONPAREIL.** Yellowish green, crisp and sweet (Crisphead).....
- COS VARIETIES.** Valued for their fresh crispness and mild flavor. If you find they will not head naturally, the tips of the leaves should be tied together and the interior will blanch beautifully.
- 717**—**PARIS WHITE COS.** A popular old variety growing to a large size, with long, conical, compact heads, blanching well when tied. (See illustration).....
- 718**—**GREEN COS.** Similar in growth to White Cos, but has large dark green leaves.....

Postpaid.

Pkt.	Oz.	$\frac{1}{4}$ lb.
.05	.30	\$1.00
.05	.30	.90
.05	.30	.90
.05	.30	.90

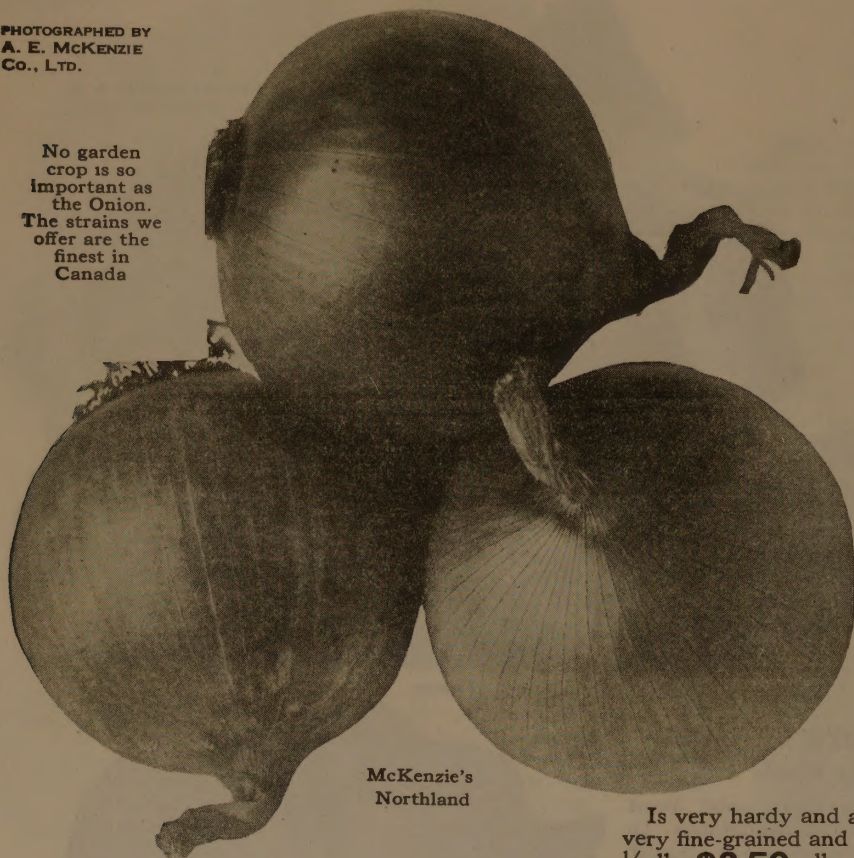


Paris White Cos

Our best customers are those who know us best.

PHOTOGRAPHED BY
A. E. McKENZIE
CO., LTD.

No garden
crop is so
important as
the Onion.
The strains we
offer are the
finest in
Canada



McKenzie's
Northland

Large Red Globe

McKenzie's Improved.
The Largest Red Globe Onion

832—This is a fine strain and will undoubtedly please all who grow it. Of handsome dark red globe shape (similar to Southport Yellow Globe) averaging 3 inches in diameter, weighing about nine ounces. It is a fine exhibition onion—one of the best for our Western Soil where it has given great satisfaction. Our seed is Western Grown thus insuring its adaptability. Pkt. **10c**, oz. **40c**, $\frac{1}{4}$ lb. **\$1.35**, $\frac{1}{2}$ lb. **\$2.30**, 1 lb. **\$4.40**. Postpaid.

Extra Early Red

A Very Highly Improved Onion

837—A medium sized flat variety. Fine grained, mild in flavor. Sometimes erroneously called Extra Early Red Wethersfield; but it matures earlier than the latter and in suitable soils grows almost as large. Of deep rich red color, hardy, and very desirable for early marketing. Pkt. **5c**, oz. **30c**, $\frac{1}{4}$ lb. **1.05**, $\frac{1}{2}$ lb. **\$1.95**, 1 lb. **\$3.75**. Postpaid.

Southport White Globe

843—We are giving more prominence to this fine onion than hitherto as we believe it deserves to be more generally grown. A very popular variety on account of its uniform shape. Grows almost globe shaped and is of pure white color. Forms handsome hard onions with wax-like flesh. Pkt. **10c**, oz. **70c**, $\frac{1}{4}$ lb. **\$2.25**, $\frac{1}{2}$ lb. **\$3.50**, 1 lb. **\$6.75**. Postpaid.

Southport Yellow Globe

Very Easily Cultivated

845—This Onion is a finely grained white fleshed sort, very crisp and of good flavor. The skin is a rich brownish yellow. Our seed is carefully selected, thus insuring uniform size, shape and heavy yielding properties. The illustration speaks for itself. Pkt. **10c**, oz. **50c**, $\frac{1}{4}$ lb. **1.60**, $\frac{1}{2}$ lb. **\$2.75**, 1 lb. **\$5.35**. Postpaid.

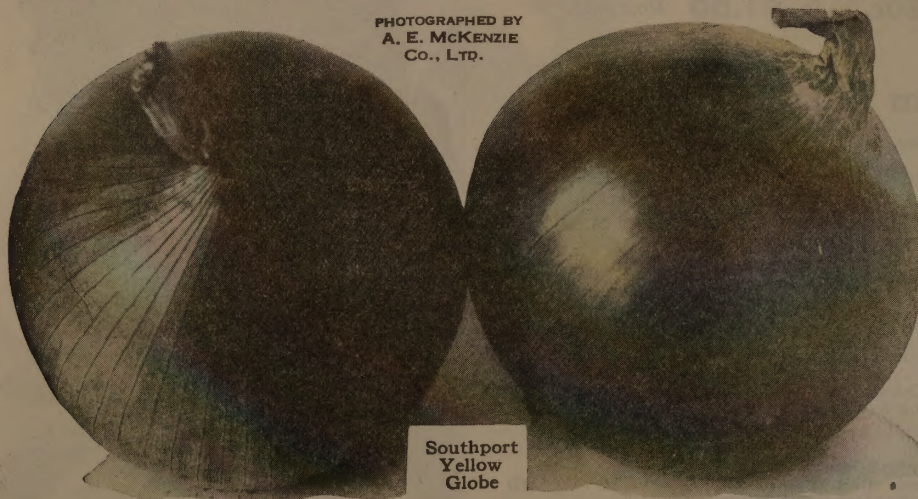
Mammoth Silver King

A Good Market Sort

846—Strongly recommended for its large size—it is one of the largest varieties in cultivation. Has many points to entitle it to popular use. Its early maturing properties are very marked and many speak highly of it in this important characteristic. In shape it is unexcelled producing large bulbs of attractive form, flattened but very thick. The skin is of such a beautiful silver white and this combined with its immense size suggested its name. The flesh is snowy and tender. Flavor, everything that could be desired, being mild and sweet. Grows quickly, matures early.

Pkt. **10c**, oz. **55c**, $\frac{1}{4}$ lb. **1.90**, $\frac{1}{2}$ lb. **\$3.60**, 1 lb. **\$7.00**. Postpaid.

PHOTOGRAPHED BY
A. E. McKENZIE
CO., LTD.



Southport
Yellow
Globe

Write for our Free Booklet "Onions and How to Grow Them."

Onion

McKenzie's Northland

The Sure
Keeper

830—The most popular onion in the Canadian West and unquestionably the Yellow Onion for general culture. Its combination of many ideal qualities entitles it to the foremost position with all who grow this valuable vegetable. It is similar to Yellow Globe Danvers, producing well ripened bulbs averaging two inches in diameter and nearly globe shaped. Remarkably solid and heavy. One of the surest keepers and best sellers grown. Flesh is an attractive sparkling white, very mild and pleasant flavor. An enormous yielder and a fine keeper. It forms a bulb very early in the season so that it may be used practically the entire summer, ripening up crisp and solid in the fall. The tops die off entirely, leaving fine uniform shaped bulbs without necks. The last few years the demand for this onion has been so great we have had hundreds of orders before our Catalogue was off the press, and it is still growing in popularity. (See illustration). Pkt. **10c**, oz. **35c**, $\frac{1}{4}$ lb. **1.25**, $\frac{1}{2}$ lb. **\$2.25**, 1 lb. **\$4.25**. Postpaid.



Giant Prizetaker

A Favorite with
Market Gardeners

841—The discriminating gardener's choice of onions invariably falls to Prizetaker, on account of its phenomenal size and owing to its fine tempered flavor. It attains its immense size under exactly the same conditions necessary to cultivate other sorts. Rivals the large Spanish Onion.

It is a bright clear straw color; always grows to a uniform and most perfect shape. The bulb is very solid and heavy. The flesh is crisp, white and of delicious quality.

Is very hardy and a good winter keeper, as it ripens up hard and firm. It is very fine-grained and of mild, delicate flavor. Pkt. **10c**, oz. **40c**, $\frac{1}{4}$ lb. **1.35**, $\frac{1}{2}$ lb. **\$2.50**, 1 lb. **\$4.50**. Postpaid.

Onion

Yellow Globe Danvers

McKenzie's Selected Extra

There are few, if any recent introductions that eclipse this old standard variety. It holds its deservedly prominent position in the front rank of Onions and is highly praised by market gardeners and home growers alike. Produces handsome nearly globe-shaped bulbs of pale yellow color, crisp, pure white flesh of mild flavor. The plants have very slender necks and the bulbs ripen uniformly, averaging two inches in diameter. Our selection is extra special and we recommend it with every confidence as far superior to the ordinary stock. We sell more of this variety than any other.



839—McKENZIE'S SELECTED YELLOW GLOBE DANVERS.

Pkt. 10c, oz. 45c, 1/4 lb. \$1.45, 1/2 lb. \$2.40.

lb. \$4.65. Postpaid.

838—YELLOW GLOBE DANVERS (general stock.)

Pkt. 5c, oz. 40c, 1/4 lb. 1.25, 1/2 lb. \$2.25, lb. \$4.25. Postpaid.



Yellow Globe Danvers

PHOTOGRAPHED BY
A. E. McKENZIE
CO., LTD.

Onions have been aptly termed the "money crop" of the garden--our strains are dependable and true to type.

Australian Brown

Extra Long Keeping

836—As the name implies this splendid deep brown variety is of Australian origin and it has invariably proved a success where other sorts have failed. It is adapted to a great variety of soils and is not easily affected by climatic conditions. It does exceptionally well in our Prairie West. The bulbs somewhat resemble the Danvers in size.

Very early, maturing about four weeks before the Red Wethersfield. Wonderfully hard and solid—most attractive for market. The flesh is firm, of mild flavor and the ripe bulbs will remain in good condition for many months after harvesting. Bulbs kept for twelve months after harvesting have been in fine condition. It has the reputation of keeping indefinitely—in fact judging by its firm and hard qualities we believe it will keep longer than any other variety. The skin is of amber-brown color.

Pkt. 5c, oz. 25c, 1/4 lb. 85c, 1/2 lb. \$1.60, 1 lb. \$3.10. Postpaid.

Superior Golden Globe

A Magnificent Onion of Immense Size

833—When we introduced this onion we had in mind a combination of three immense onions of different color and character for exhibition purposes and the home garden, the other two being Giant Perfection and Improved Red. Like its two peers it is of immense size. In flavor and appearance it is ideal. It is very delicately veined, perfect shape of immense proportions. The flesh is snow white, firm, mild juicy and of very delicate flavor. As hard as a brick, its keeping qualities are unexcelled. Perfect in every respect it bids fair to be universally grown.

Pkt. 10c, oz. 35c, 1/4 lb. \$1.25, 1/2 lb. \$2.25 lb. \$4.25. Postpaid.

Other Varieties

Postpaid

	Pkt.	Oz.	1/4 lb.	1/2 lb.
844—EARLY WHITE WELSH (For green onions.) The plants are perennials, and can remain in the ground for years...				
848—RED WELSH. Similar to Early White Welsh excepting in color. Useful for pulling green for salads and soups.....	.10	.55		
	.10	.45		
Onions for Pickling				
866—QUEEN. (First-Class Pickling Variety).....	.10	.65	1.85	3.50
867—EARLY SILVERSKIN. Early small round French variety, white skin; good for pickling and bunching.....	.10	.65	1.85	3.50
868—WHITE BARLETTA, well known pickling variety.....	.10	.65	1.85	3.50

Large Red Wethersfield

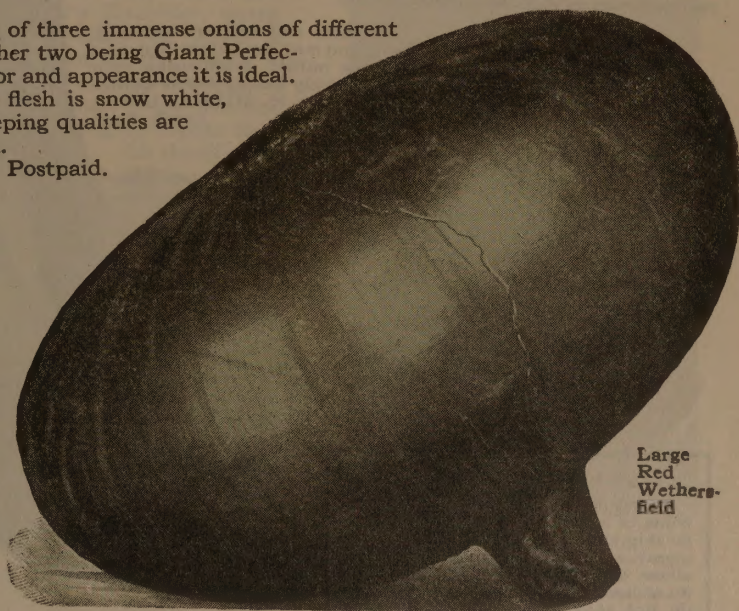
McKenzie's Selected

Grows well on poor dry soils. A popular Standard variety for Winter market.

Great improvement in the size, shape and quality of our Selected Red Wethersfield makes it vastly superior to the older sorts. The specially selected seed we offer produces the finest shaped, best colored and largest cropping onion of the Wethersfield type noted for solidity and is grown by experts, from bulbs critically selected for size, color, shape, and small necks to insure a perfect onion. Next to the Danvers Yellow Globe this is the leading onion grown for either market or home use. Immense cropper, large in prize, deep purplish red skin, form round, somewhat flattened, purplish-white flesh of an admirably mild flavor. (See illustration.)

834—McKENZIE'S SELECTED LARGE RED WETHERSFIELD. Pkt. 10c, oz. 35c, 1/4 lb. \$1.00, 1/2 lb. \$1.90, lb. \$3.75. Postpaid.

835—RED WETHERSFIELD. (General stock.) Pkt. 5c, oz. 30c, 1/4 lb. \$1.00, 1/2 lb. \$1.85, lb. \$3.50. Postpaid.



Large Red Wethersfield

PRICES

No matter where you live we pay postage on all seeds in packets, ounces and pounds, unless other wise stated.

ONION SETS

ECONOMY

The best is that which renders the most service. Not the cheapest, nor yet the dearest. Plant McKenzie Standard Seeds

Why they are planted

The cultivation of the family supply of Onions from Sets has much to recommend it, especially under the climatic conditions and short seasons which prevail in this Western Country. The first saving is in labor being much less than when seed is sown. The danger of loss of crop from insect pests is very much reduced. Onion Sets produce bulbs in one half the time that is required by raising from Seed.

To those who have not been successful in obtaining satisfactory results with their Onions grown from seed we would specially recommend planting McKenzie's Choice Onion Sets. Onion Sets have jumped into popularity by leaps and bounds during the last few years, and are now an established and recognised factor in Onion production. The majority of gardeners realize the great advantages to be derived from adopting this easy commonsense method of obtaining early Onions for table use. The grower is also able to crop much earlier.

Our Sets are of superior quality. We are said to be the largest Onion Set dealers in Canada and we claim superiority as a result of many years' continuous experience and handling huge quantities each season.

Yellow Dutch

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.

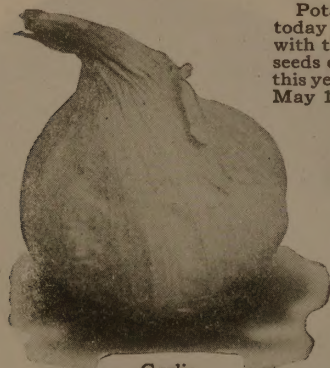
887—Cannot be surpassed for producing handsome well ripened bulbs of large size early in the Summer. Yellow being the standard color in most of the large markets makes these very popular. Our Northern Grown are the premier quality of the West. Sure to please $\frac{1}{2}$ lb. **25c**, 1 lb. **35c**, 4 lbs. **\$1.35**. Postpaid.

White Dutch

888—No garden should be without White Onion Sets as they mature a trifle earlier than the Yellow Dutch and owing to the beautiful silvery green Onion they produce, are a very popular favorite for market gardeners.

Like Yellow Dutch, Multipliers and most other sets, this variety if allowed to mature, will produce a fine large onion. However, as a rule, it is seldom grown as a winter Onion, as it is not as good a keeper as the Yellow Dutch. It is slightly coarser grained than the Yellow. $\frac{1}{2}$ lb. **25c**, 1 lb. **40c**, 4 lbs. **\$1.50**. Postpaid.

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.

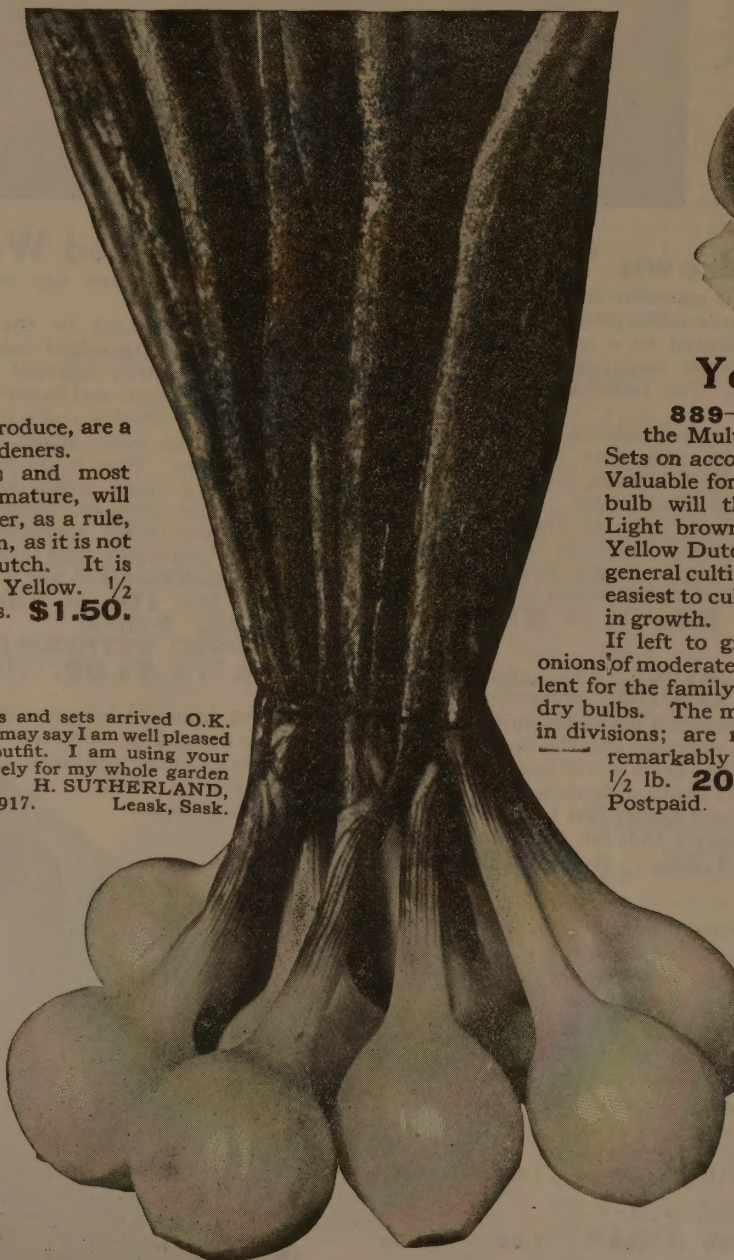


Garlic

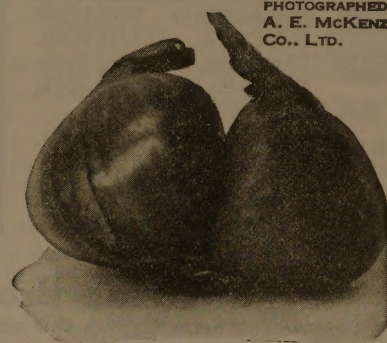
Potatoes and sets arrived O.K. today and may say I am well pleased with the outfit. I am using your seeds entirely for my whole garden this year. **H. SUTHERLAND,**
May 17, 1917. Leask, Sask.

PERISHABLE STOCK

Onion Sets, Garlic and Potatoes, being of a perishable nature, can only be shipped at the proper season. We mention this fact so that customers, whose orders include them, will have no occasion to become anxious if they do not accompany other portion of seeds ordered.



PHOTOGRAPHED
A. E. McKENZIE
CO., LTD.



Multiplier

Yellow Multiplier

889—Many of our customers prefer the Multiplier or Potato Onion to Dutch Sets on account of its cluster growing habit. Valuable for bunching or an early crop. One bulb will throw out six to twelve sprouts. Light brown skin, mild white flesh. After Yellow Dutch Sets this variety comes next in general cultivation for early green onions. The easiest to cultivate, earliest and most vigorous in growth. A great many planters grow both. If left to grow to maturity they will grow onions of moderate size, making good cookers. Excellent for the family garden whether used green or as dry bulbs. The matured onion, like the sets, forms in divisions; are most excellent keepers and of a remarkably fine mild flavor. (See illustration.) $\frac{1}{2}$ lb. **20c**, 1 lb. **30c**, 4 lbs. **\$1.10**. Postpaid.

Garlic Selected Sets

909—Highly esteemed for flavoring soups, stews, etc. Garlic is a perennial bulbous plant and belongs to the onion family. Composed of several bulblets somewhat resembling the multiplier Onion set. The cultivation is practically the same as Onion Sets. $\frac{1}{2}$ lb. **25c**, 1 lb. **40c**, 4 lbs. **\$1.50**. Postpaid.

Use Northern Grown Sets

In the spring of the year Our Northern Grown Sets are hard and sound, while Southern Sets are usually dried, shrivelled, soft, or so lifeless that they invariably produce an almost worthless onion. Our facilities enable us to give positively the best value obtainable.

Good Seeds are always worth their Cost—Sow McKenzie's

PHOTO.
GRAPHED BY
A. E.
McKENZIE
CO., LTD.



Richard
Seddon

PHOTOGRAPHED BY
A. E. McKENZIE
CO., LTD.



Prosperity or Gradus

Peas Early Varieties

No garden should be without a few rows of Peas sown at intervals to provide the family table with this delicious vegetable in succession as they mature. By a little discrimination in the choice of varieties it is quite easy to have a continuous supply of green peas fresh from your own garden throughout the Summer months. To aid customers in making a selection we have arranged the early, main crop and late varieties in their proper order. There are so many excellent varieties now that sorts which are the best to grow is largely a matter of opinion. We only describe and quote what we consider the best varieties most suitable for the Canadian West. Full cultural instructions on every packet.

Richard Seddon

A Strikingly Distinct Meritorious Pea

990—The better the acquaintance with this magnificent variety the more it is appreciated for its excellent and most desirable qualities. Many staunch advocates of American Wonder and Little Gem are giving way to the Seddon. Remarkably vigorous of haulm, it has immense bearing capacity. Seven to nine handsome luscious Peas are very closely packed in pods of a deep green hue, averaging 15 to 20 pods per vine. An extremely early type of immense productiveness growing from 16 to 20 inches high. Excels in yield the American Wonder. In appearance favors the Manifold, although not as blunt and very much larger. Very fine flavor, delicious and sweet. A splendid all round early variety. (See illustration.) Pkt. **5c.** 1/2 lb. **25c.** 1 lb. **45c.** Postpaid.

Prosperity or Gradus

The Greatest of all Wrinkled Peas

986—An old standard sort of dependable quality and earliness. Probably the greatest favorite of the Early varieties. One of the best selections in general use to-day, with pods nearly twice the size of the round seeded extra earlies and only a day or two later. Height about 3 ft. producing uniformly large pods 4 to 4 1/2 inches long well filled with eight to ten large handsome peas of finest flavor and excellent table quality. For market or home use it retains its foremost position. A really excellent variety. (See illustration.)

Pkt. **5c.** 1/2 lb. **25c.** 1 lb. **45c.** Postpaid.

Nott's Excelsior

An Ideal Pea for the Canadian West

985—In this western country, where extremes in temperature are an important factor in vegetable growing, Nott's Excelsior, extra heavy, very healthy in growth and of unusual hardiness, has proven a most valuable pea. Resembles the American Wonder but grows a trifle taller. It belongs to the extra early class and is a dwarf wrinkled pea. Vines seldom exceed eighteen inches in height. Pods average three inches in length, straight with blunt ends averaging 6 peas to a pod, being ready to pick at once. Very fine yielder. So thickly are the peas crowded in the pods they have the appearance of being forced in and assume a square-like shape. The quality is exceptionally fine. Highly recommended. (See illustration.)

Pkt. **5c.** 1/2 lb. **25c.** 1 lb. **40c.** Postpaid.

McLean's Little Gem

Gem in Quality as well as in Name

984—This Pea is one of the most popular dwarf varieties for family use. It is a green wrinkled variety of an exquisite buttery flavor. Remains fit for use longer than either American Wonder or Nott's Excelsior. Comes in about three days after the American Wonder and considered by many to be sweeter. Grows about 14 inches high with an abundance of round well filled pods about 2 1/2 inches long.

Pkt. **5c.** 1/2 lb. **25c.** 1 lb. **40c.** Postpaid.

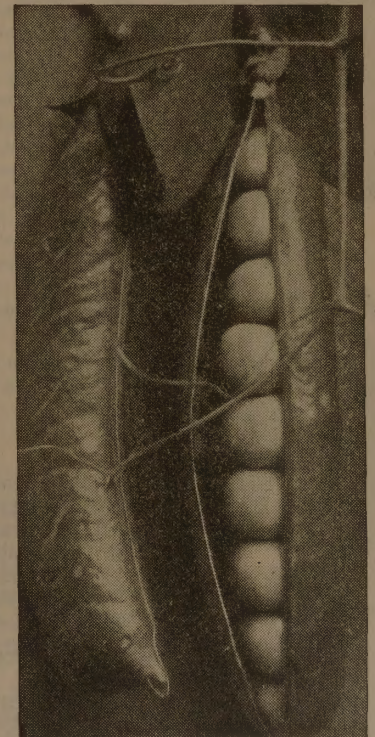
Just sow McKenzie Garden Peas—"So simple and delicious."

GARDENING

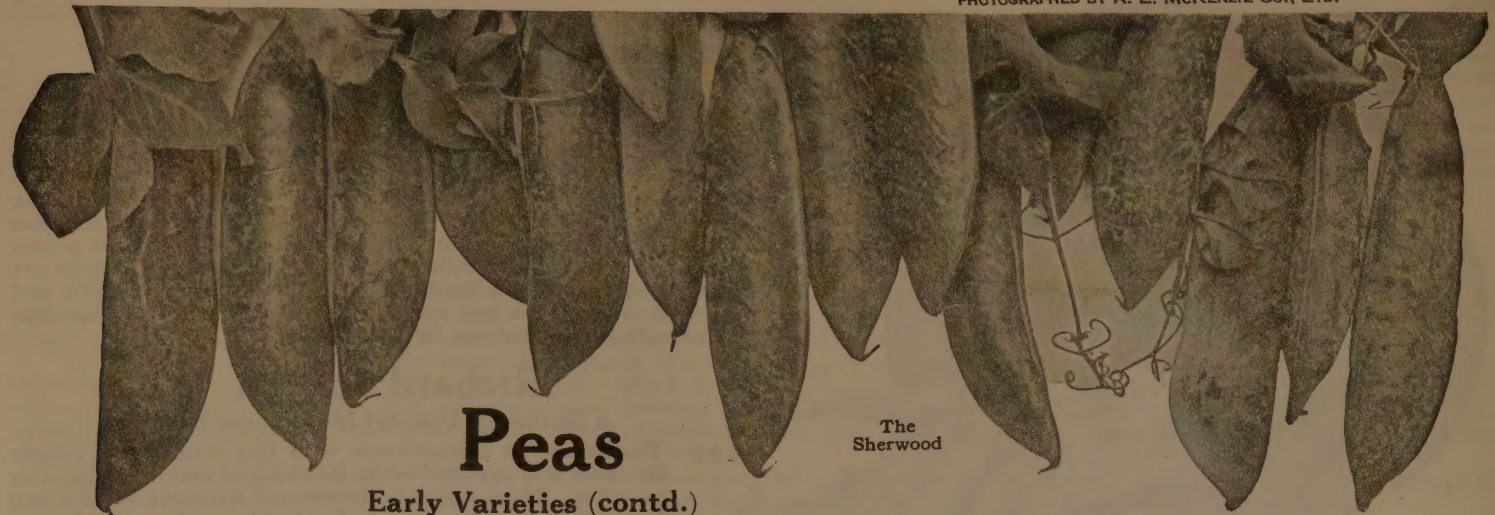
This is an art which does mend nature, change it rather; but the art itself is nature

—Shakespeare.

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



Nott's Excelsior



Peas

The
Sherwood

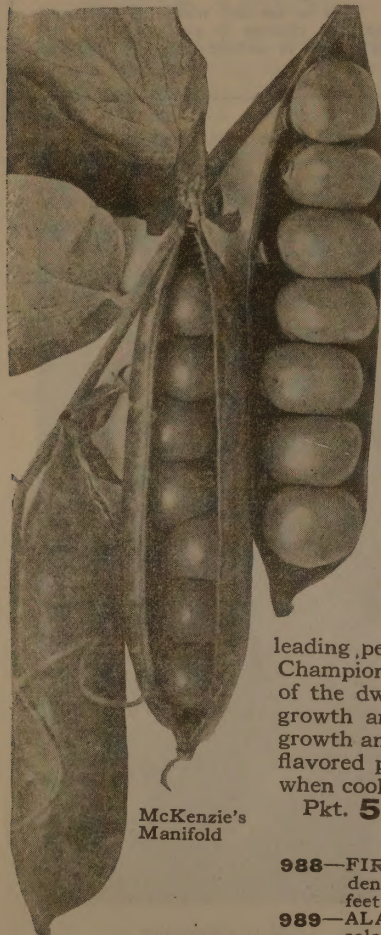
Early Varieties (contd.)

McKenzie's Manifold The Garden Pea Wonder

980—This selection is now recognized as the leading early dwarf pea for the West and the demand for it continues to increase. We confidently believe it to be unsurpassed in earliness, quality and yield. Its name was suggested to us by reason of its combination of sweetness, lusciousness, rich flavor, productiveness and earliness and it certainly lives up to it. An extra early grower, about 12 inches high similar in shape to "Little Marvel" but a trifle larger. Foliage dark green and very heavy. Pods straight with rounded ends averaging three inches in length. Well filled with nice plump wrinkled peas. Splendid delicious peas can be had throughout the entire season by sowing at intervals. Do not omit this excellent variety. (See illustration.)

Pkt. 5c, 1/2 lb. 30c, 1 lb. 45c. Postpaid.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



McKenzie's
Manifold

The Sherwood

A New Early Pea

1020—Raised by one of the oldest and most reliable seed growers in England a few years ago. Its distinctive merits entitle it to a leading place in the early section, and we recommend it with every confidence. An early dwarf pea of exceptional merit, growing about one foot high. It is certainly one of the heaviest cropping varieties yet introduced. The haulm is literally covered with pods containing 8 to 10 peas of a rich deep color and of exquisite flavor. Its sterling merits entitle it to a place in every garden. Pkt. 5c, 1/2 lb. 30c, 1 lb. 50c. Postpaid.

Pilot

McKenzie's Special Stock

981—In The Pilot we have a Pea which embraces size, quality, productiveness and earliness in a very marked degree.

The haulm makes very vigorous growth, attaining the uniform height of 3 feet; the foliage is of medium size, of a rich healthy green color and the pods, which are produced in abundance from the bottom to the top of the vine, are long, almost straight. Equals Gradus in size of pod and excellence of flavor, but considerably more productive. Belonging to the early round seeded varieties, the seed may be sown much earlier than wrinkled sorts. Pkt. 5c, 1/2 lb. 30c, 1 lb. 45c. Postpaid.

Little Marvel

A Very Choice Early Pea

991—When we first offered this variety several seasons ago we knew it would please. As we anticipated it has proved a valuable addition to the early section and we predict its popularity will increase. Comes in about the same time as American Wonder and Nott's Excelsior; but the pods are larger, peas more luscious and a heavier cropper. Grows 15 inches high, vines heavily set with pods, many of which are in pairs and average 2 1/2 inches long. A variety we particularly recommend to those who prefer an early pea of dwarf habit.

Pkt. 5c, 1/2 lb. 25c, 1 lb. 45c. Postpaid.

American Wonder

One of the Best. Easily Grown

983—Those who grow this popular sort regularly consider it one of the leading peas for combined flavor and quality. It is a cross between that old standard variety Champion of England and Little Gem and possesses the merits of both. The earliest of the dwarf wrinkled sorts; is decidedly distinct from all other varieties in habit of growth and appearance, the vines being unusually robust and stocky. It makes rapid growth and produces a profusion of good-sized pods, which are well packed with deliciously flavored peas, so sweet that many prefer it to all others, as it maintains its rich color when cooked and appears especially attractive when served. Height 10 inches.

Pkt. 5c, 1/2 lb. 25c, 1 lb. 40c. Postpaid.

Other Good Early Sorts

988—FIRST AND BEST. A standard first early variety, popular with gardeners in all parts of the country. An extra early, white-seeded pea, 2 1/2 feet high.
989—ALASKA. A very early, smooth green pea, pods rather small, green color, well filled, good flavor. 2 feet high.

Pkt.	Postpaid	
	1/2 lb.	1 lb.
.05	.20	.35
.05	.25	.40

PHOTOGRAPHED BY
A. E. MCKENZIE
CO., LTD.



Little Marvel

Ask for free Booklet, "How to Cook Vegetables Grown from McKenzie Seeds."

Peas Main Crop and Late Varieties

Senator

Exceptionally Prolific

1021—One of the surest croppers. Recent trials and our own observation justify us recommending this excellent main crop pea. It produces large curved pods, mostly in pairs, containing on an average about nine large peas which are sweet in flavor. Grows 2½ ft. to 3 ft. high and has proved to be a most valuable variety for home or market garden. (See illustration).

Pkt. 5c, ½ lb. 25c, 1 lb. 45c. Postpaid.

Improved Stratagem

A Superior Selected Stock

1009—This strain is a familiar type everywhere. It is pleasing to the eye, delightful to the taste and remunerative to the grower. It is one of the greatest favorites for both market and home use. The vines are strong, vigorous and covered with immense pods, which curve gradually to a point, many of which measure as much as five inches in length and containing, quite frequently, ten fine, large, richly flavored, uniform peas. Each seed, as a rule, produces two stalks, which make it extra productive. Pkt. 5c, ½ lb. 25c, 1 lb. 45c. Postpaid.

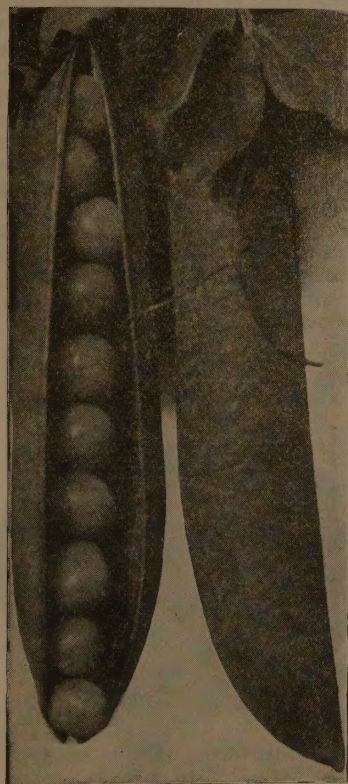
Rentpayer

A Popular Maincrop Dwarf Variety
Aptly Named

1012—This grand old timer compares favorably with all the leading dwarf sorts and previous season's trials show that it is in the front rank for market gardening or home use. It was happily named by the introducer and is likely to prove a profitable proposition to all who grow it.

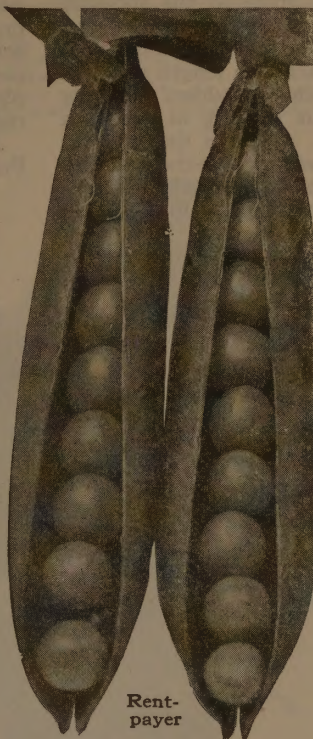
Of dwarf habit, attaining the height of 18 inches, with a robust constitution and of such vigor that it yields abundantly with pods produced in clusters, each pod averaging 3½ to 4 inches long; very straight, broad and pointed and with the additional merit that the flavor of the peas is decidedly luscious. (See illustration.) Pkt. 5c, ½ lb. 30c, 1 lb. 50c. Postpaid.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



Quite Content

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



Rentpayer

I have used your seeds for 10 years and have always had good results.

Frank C.

Fletcher,
Hythe P. O.,
Alta.

Sept. 12, 1917.

Senator

Labor Problem

The Labor problem and its relation to farming has become quite acute owing to the war, but what industry has escaped the chastening rod of the unfortunate shortage of efficient labor? Some trying situations have arisen in the operation of very important industries. The planting of the garden was never so indispensable as in 1918. No doubt it is difficult to take care of the work on the farm, but practical experience during the past three years has demonstrated what can be accomplished by readjustment of work and increase of responsibility among the members of the family. Most women on the farm work hard enough; nevertheless until this awful war is over it means that the women can assist more with the garden and can be very instrumental in directing the boys and girls of the home in the all important duty of helping in the garden, even more than in past seasons.

We would further suggest that each public school in Canada should have a good garden in 1918.

Food Control

Food control in Canada was not undertaken until late in the year 1917, nevertheless one of the first acts of this department was to restrict the sale of canned vegetables until winter set in. It is more than likely the food commissioner will prohibit the sale entirely of canned vegetables in May or June next in order to husband canned products for our armies.

Such action will necessitate every home to plant a garden of its own. Vegetables are the cheapest of all food products and the most healthful. The solution of the high cost of living so far as it relates to food is to SEED YOUR OWN GARDEN.

Quite Content A Giant Podded Maincrop Marrow-fat Pea

1016—One of the finest introductions of recent years. No other pea has caused such a furore in the horticultural world during the last decade. Grows 5 to 6 feet, foliage and pod deep green, pod longer than any other pea in cultivation, measuring 7 to 7½ inches, hanging mostly in pairs. Quite distinct from any other variety. Fine for exhibition.

Pkt. 5c, ½ lb. 30c, 1 lb. 50c. Postpaid.

Other Varieties

1010—HEROINE. A green wrinkled pea, 2½ ft. high. Pkt. 5c, ½ lb. 25c, 1 lb. 45c. Postpaid.

1014—CHAMPION OF ENGLAND. Tall growing late pea, very vigorous, 5 feet high. Pkt. 5c, ½ lb. 25c, 1 lb. 40c. Postpaid.

1015—DUKE OF ALBANY. Resembles "Telephone." Pkt. 5c, ½ lb. 25c, 1 lb. 40c. Postpaid.

1017—TELEPHONE. Tall, vigorous with enormous pods, 5 feet high. Pkt. 5c, ½ lb. 25c, 1 lb. 40c. Postpaid.

PHOTOGRAPHED BY
A. E. McKENZIE CO., LTD.



White Strasburg

Non Plus Ultra

Earliest in Cultivation

1086—Distinctly a Market Gardener's type owing to its exceptionally fine forcing characteristics, and as such is used by practically all gardeners for an early crop radish.

It is likewise valued for its small uniform size, turnip shape and nice attractive appearance.

Other valued essentials are its close growing habit (having small tops), its rapid growth in the open, and its ideal successive croppings.

Added to these qualities are its exquisite mild flavor, crispness, solidity and juiciness.

The flesh is a fine sparkling white, fine grained and solid. The skin is deep rich scarlet.

Pkt. **5c.** oz. **20c.** 1/4 lb. **65c.** 1 lb. **\$2.20.** Postpaid

Long Black Spanish

The Largest and Hardest Winter Variety

1147—One of the best winter varieties which, although not of recent introduction, holds its own with any long variety that has yet been grown in the west. There has been a keener demand for it during the past few years which encourages us to give it greater prominence. It is a winter radish of large size, having a blackish brown skin and pure white flesh. To those who prefer a long radish we strongly recommend Black Spanish.

Pkt. **5c.** oz. **20c.** 1/4 lb. **60c.** 1 lb. **\$2.00.** Postpaid.

ALWAYS SPLENDID

All the seed which we have ordered from you for years was certainly good; as the results were always splendid.

R. G. WINKLER, Mortlach, Sask.

Sept. 8, 1917.

We specially recommend a trial of "Saxa"—the newest and earliest round Radish

Radish

Early Scarlet Turnip, White Tipped

A Very Rapid Forcing Variety
or for General Use

1088—It is equally popular as a forcing Radish as when planted in the open. Amongst its other advantages over most types is its ability to develop quickly. Roots are usually ready for the table within 18 or 20 days from date of sowing.

In shape this variety has a rounded form and is most distinct in its markings, the upper portion being an intense rosy crimson, the lower part white. For solidity, crispness and freedom from pungency this variety possesses many properties not found in other varieties. We cannot write in terms sufficiently eulogistic concerning the many merits of this valuable sort; suffice to say that as a market radish it is greatly appreciated in America and Europe. As it forms a small top this variety can be sown closely in the drills.

Pkt. **5c.** oz. **25c.** 1/4 lb. **75c.** lb. **\$2.25.**

White Strasburg

White, Firm,
and Brittle

1090—The enormous size and pure white color cannot be adequately conveyed by an illustration, and it is only when cut open that the chief merit is revealed. For a Radish of such great size it is remarkable for its absence from woodiness or dryness. It is firm in the flesh, juicy and of delicious pungent flavor.

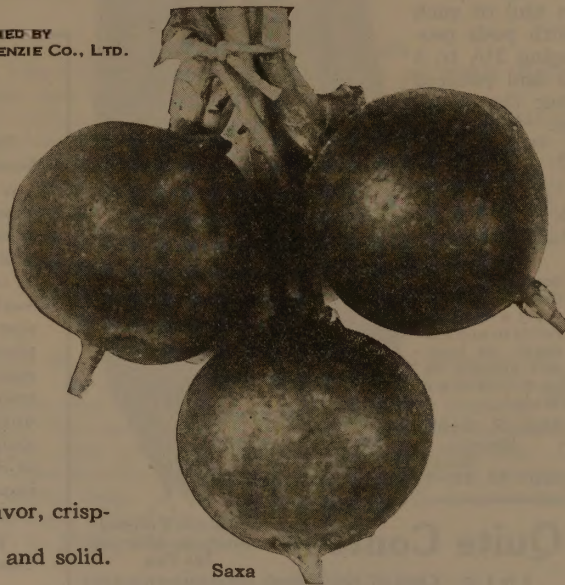
It is a pure white strain, thick at the shoulder and abruptly tapering resembling Chartier's, but attains much larger size. The specimen illustrated on this page exceeded ten inches in length and was proportionately broad at the shoulder, tapering along its entire length, thus making as nearly a perfect Radish as possible. A table delicacy for the epicure. Excellent in every way—the grandest long Radish in cultivation. (See illustration.)

Pkt. **5c.** oz. **25c.** 1/4 lb. **85c.** 1 lb. **\$2.50**
Postpaid.

PHOTOGRAPHED BY
A. E. McKENZIE CO., LTD.

McKENZIE
SEEDS,
regardless of cost,
are Selected, grown
and Tested up to a
Standard, not
down to a price

The Market
Gardener's Favorite
Earliest in Cultivation



Saxa

Scarlet Globe Forcing

McKenzie's Selection
One of the Best Forcing Radishes

1085—In the European Markets this type is particularly popular for extremely early Radishes and as a forcing Radish is very hard to beat. It does equally well outside. A fine Globe shape of striking crimson color, very small tops and grows exceptionally rapid, which does not in any manner affect its quality; in fact, it has tendency to make it more crisp, tender, mild and delicious in flavor.

Flesh is of a fine sparkling white appearance, fine grained and solid. Our stock is exceptionally fine. Pkt. **5c.** oz. **25c.** 1/4 lb. **80c.** 1 lb. **\$2.50.** Postpaid

McKenzie's Rosy Gem

A Reliable Forcing Variety

1084—Of the many fine radishes to select from, for crispness, tenderness, sweetness and mildness, we place Rosy Gem at the head of the list of the round or turnip shaped varieties.

Experience has also demonstrated this variety as the best adapted to our varied climate. It is rose color tipped with white. Successive plantings give a supply of the finest radish throughout the season. An excellent sort for forcing, and valued much for market purposes. Our seed is grown from carefully transplanted roots and being one of our own selections we recommend it with every confidence.

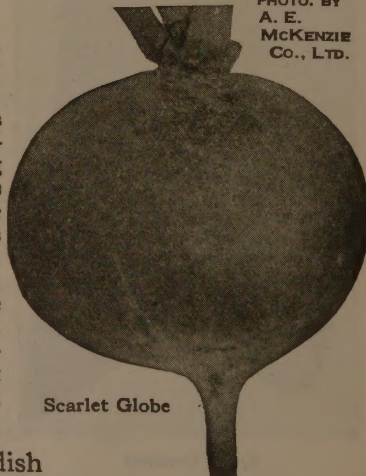
Pkt. **5c.** oz. **20c.** 1/4 lb. **65c.** 1 lb. **\$2.20**
Postpaid.

Saxa

A new Early
Forcing Radish

1091—After several years of repeated tests to ascertain its suitability for the West we introduce "Saxa" as one which we are confident will be extensively grown in the future. In many sections of the United States it is considered to be earliest of the forcing varieties which after all is one of the most important features in Radishes for this country. The grower of this variety aimed to produce a Radish with the smallest possible top and undoubtedly he succeeded. It is round in shape and bright scarlet in color. We consider it is a distinct advance of any early round forcing variety yet introduced to western gardeners. A trial will prove its great merit. (See illustration). Pkt. **10c.** oz. **30c.** 1/4 lb. **90c.** 1 lb. **\$3.00.** Postpaid.

PHOTO. BY
A. E.
McKENZIE
CO., LTD.



Scarlet Globe

Radish

Long White Icicle

PHOTOGRAPHED BY
A. E. MCKENZIE CO., LTD.

1123—Considered by many to be the leading long white radish. A fine transparent, white, growing from 4 to 6 inches long with small tops, thus permitting close planting. Very crisp and brittle—not woody. Is a good radish for forcing. As it is fit to pull in about 20 days from planting it is one of the quickest growing sorts. There is no variety of radish that grows more uniform in shape or of better quality. A general favorite everywhere. (See illustration.) Pkt. **5c**, oz. **20c**, $\frac{1}{4}$ lb. **65c**, 1 lb. **\$2.25** Postpaid.

Other Varieties

EARLY ROUND or TURNIP-SHAPED VARIETIES

1087—EARLY SCARLET BALL. Small round, rich color, small top and quick growth; flesh tender and crisp.

1089—EARLY WHITE GLOBE. Valuable for forcing; color clear white; flavor very mild.

EARLY OLIVE or OVAL-SHAPED VARIETIES

1120—SCARLET OLIVE SHAPE. Popular because of its quick growth and fine bright scarlet color (See illustration.)

EARLY LONG VARIETIES

1121—CHARTIERS. White tipped, excellent, attains large size before it becomes fit for the table.

1122—WOOD'S EARLY FRAME. Fine sort for first crop; continues brittle and tender until July.

1124—WHITE NAPLES. Excellent for table; flesh white, crisp and mild.

1125—WHITE VIENNA or LADY'S FINGER. Large, white crisp sort; flesh delicate and tender.

WINTER VARIETIES

1145—SCARLET CHINA. (China Rose). Skin smooth, bright rose, white tipped.

1146—CALIFORNIA MAMMOTH. Eight to twelve inches long; two to three inches thick; white solid and of good quality.

1148—WHITE CHINESE. An excellent sort, flesh firm, of mild flavor.

1149—ROUND BLACK SPANISH. Similar to Long Black Spanish in every respect excepting shape. Preferred by many to the long variety.

1167—FAMILY RADISH MIXTURE. This is a mixture of all the Early and Medium Summer Varieties of all shapes and sizes, some of which will be ready earlier than others, giving a succession of varieties for the family table.

Pkt.	Postpaid			1 lb.
	Oz.	$\frac{1}{4}$ lb.		
.05	.20	.55		\$1.75
.05	.20	.55		1.70
.05	.20	.60		2.00
.05	.20	.55		1.70
.05	.25	.85		2.50
.05	.25	.80		2.50
.05	.25	.85		2.50
.05	.20	.60		2.00
.05	.20	.60		2.00
.05	.20	.60		2.00
.05	.20	.55		1.70

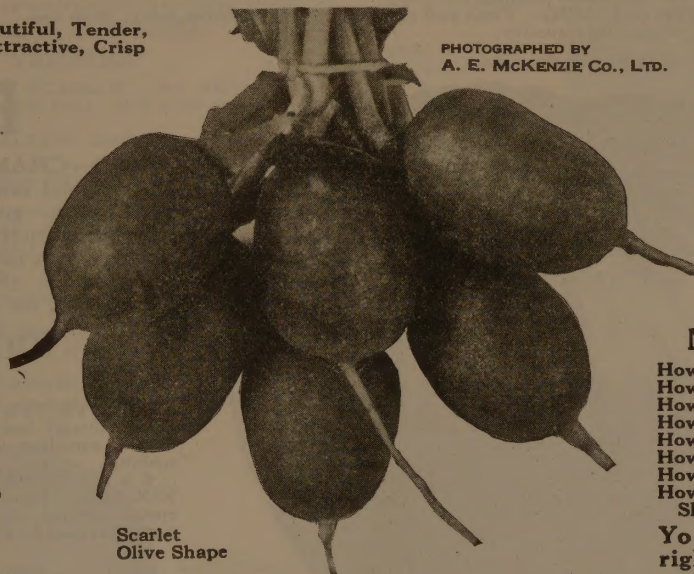
French Breakfast

Beautiful, Tender,
Attractive, Crisp

1119—Grows with remarkable rapidity and especially prized for its excellent forcing quality and unexcelled for outdoor growing. The quality is very perfect, crisp, tender, fine-grained and a cool refreshingly mild flavor. Is a beautiful olive or oblong shape (sometimes spoken of as a half long) bright carmine color, with white tip.

There are so many inferior strains of this variety grown cheaply and for commercial purposes that we have taken every precaution to secure seed of the highest type. (See illustration.) Pkt. **5c**, oz. **20c**, $\frac{1}{4}$ lb. **60c**, 1 lb. **\$2.00**.

PHOTOGRAPHED BY
A. E. MCKENZIE CO., LTD.



Scarlet
Olive Shape

PHOTOGRAPHED BY
A. E. MCKENZIE CO., LTD.

The proudest time for the home gardener is the day when she puts a dish of beets, string beans, peas, eggplant, Swiss chard, rhubarb or peppers on the table and says: "These are from our own garden."

No Matter

How Much You Plow
How Rich Your Land
How Much You Know
How Hard You Work
How Much You Hoe
How Much it Rains
How Much You Dig
How Much the Sun
Shines

You must have
right seeds to harvest a big crop

White Icicle



Rhubarb

1187—VICTORIA. Stalks red, thick, tender, good quality.

Salsify or Vegetable Oyster

1197—MAMMOTH SANDWICH ISLAND. Large, superior quality, excellent flavor.

Spinach

1217—CURLED-LEAVED SAVOY or BLOOMSDALE. Plant of upright growth, narrow pointed leaves, crinkled like those of Savoy cabbage.

1218—LONG STANDING. Leaves thick, fleshy and crumpled, round, large, dark green color; slow to run to seed.

1219—VICTORIA. Foliage heavy, the broad, dark green leaves being of the true Savoy appearance, and of finest quality; in prime condition two or three weeks after all other varieties have gone to seed.

Pkt.	Postpaid	
	Oz.	$\frac{1}{4}$ lb.
.05	.30	\$.90
.05	.45	1.50
.05	.25	.90
.05	.25	.90
.05	.25	.90

Sunflower

1288—RUSSIAN GIANT. Immense single flowers, yellow, with large black centre, very prolific. Grown extensively for producing feed for poultry; also provides excellent shade for poultry. Pkt. **5c**, $\frac{1}{2}$ lb. **20c**, 1 lb. **35c** Postpaid. 5 lbs. or more by Express, **20c**, per lb. (See also page 71. For feeding purposes see page 86)

Radish Seeds are easily sown, easily grown—a most appetizing vegetable.



French
Breakfast

PHOTOGRAPHED BY
A. E. McKENZIE CO., LTD.



Mani-
toba
Prize

Parsnip

Manitoba Prize Intermediate

A Popular Western Favorite

951—Although in general use for culinary purposes the great value of the Parsnip for stock feeding is not sufficiently known to be fully appreciated.

Parsnips grow to perfection here, its distinctive taste and exceptional palatability are more noticeable than in most any other vegetable. Grows to a large size, smooth surface, fine grained and superlative flavor.

Pkt. **5c.**, oz. **35c.**, $\frac{1}{4}$ lb. **\$1.25.** Postpaid.

Other Varieties

	Pkt.	Postpaid Oz.	$\frac{1}{4}$ lb.
952 —HOLLOW CROWN. The old standard, smooth, large, tender and sugary. A heavy cropper	.05	.30	1.00
953 —GUERNSEY. One of the best. Not quite as long, but larger in diameter than the Hollow Crown. Easily harvested.....	.05	.35	1.25

Pumpkin McKenzie's Large Cheese

1061—It should be borne in mind that Pumpkin is perhaps the only vegetable that adapts itself to general table use as well as extensively for pie purposes.

If for no other purpose than pie use, pumpkins, which thrive extraordinarily in the West, should find a place in every garden.

McKenzie's Large Cheese unquestionably receives greatest prominence on account of its cooking quality and the delicious pies it makes.

Without doubt the very best Pumpkin grown. Its mammoth size, splendid shape, beautiful rich appearance, rich golden flesh and sweet mild flavor, make it by far the best for family use.

As it is a very free and robust grower, very little care is required in its cultivation. (See illustration.)

Pkt. **5c.**, oz. **20c.**, $\frac{1}{4}$ lb. **45c.**, 1 lb. **\$1.50.** Postpaid.

Other Varieties

	Pkt.	Postpaid Oz.	$\frac{1}{4}$ lb.	1 lb.
1062 —SMALL SUGAR. Small, yellow, fine grained, sweet, very prolific.....	.05	.20	.45	\$1.50
1063 —CONNECTICUT LARGE FIELD. A fine large orange-colored variety used for field culture and stock feeding.....	.05	.15	.30	.80
1064 —MAMMOTH or JUMBO. Flesh and skin are of bright golden color; flesh fine-grained and of excellent quality.....	.05	.20	.60	2.00

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



Large Cheese
Pumpkin

Pepper

1042—McKENZIE'S ALPHA. The earliest and most productive large variety. One of the sweetest and most mild. Grows fine bright red fruits about four inches long and two inches thick. Our Crop is reported a failure since copy for this catalog was prepared, so regret cannot offer this season.

1039—RUBY KING. The fruits are from 4 to 6 inches long and about $3\frac{1}{4}$ inches through. Bright red color, remarkably mild and sweet, unsurpassed for stuffing. Single plants ripen 8 to 10 fruits

1040—GOLDEN DAWN. Bright yellow, and very mild flavor.....

1041—LONG RED CAYENNE. Long slender, scarlet fruits.....

Postpaid
Pkt. Oz.

.10	1.00
.10	1.00
.10	1.00

Peanuts

970—SPANISH. Largest, most prolific.....

Postpaid
 $\frac{1}{4}$ lb. 1 b.
.25 **.60**

Parsley

929—CHAMPION MOSS CURLED. Attractive and ornamental. The leaves are of an extra dark green color. Very productive and on account of the thickly curled leaves a quantity can be quickly gathered. Very useful for borders. (See illustration.)

Pkt. **5c.**, oz. **25c.**, $\frac{1}{4}$ lb. **75c.** Postpaid.

Other Varieties

	Pkt.	Postpaid Oz.	$\frac{1}{4}$ lb.
930 —TRIPLE CURLED. Dwarf, beautifully curled, excellent for garnishing.....	05	.25	.75
931 —TURNIP-ROOTED. Have fleshy roots similar to small parsnips; used for flavoring.....	.05	.25	.75

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



Champion Moss Curled Parsley

McKenzie's Large Cheese Pumpkin is the family favorite.

Squash

PHOTOGRAPHED BY
A. E. MCKENZIE
CO., LTD.

McKenzie's Early Orange Marrow

Acknowledged the
best for the West

1237—Medium size and of rich golden color. Of superior hardness, it never fails to ripen and is by far the most suitable for this country. It is an exceptionally good keeper; growers frequently carry them over winter until late the following summer. (See illustration.) Pkt. **5c**, oz. **20c**, $\frac{1}{4}$ lb. **60c**, $\frac{1}{2}$ lb. **\$1.15**. Postpaid.

Hubbard

The Best Cooker.
The Best Keeper

1248—Squash is one of the few vegetables that can be kept many months without fear of loss. It grows to perfection everywhere and under almost every condition.

Identically the same food through our long winters, should be enough reminder to allot liberal space in the garden or the farm for growing squash, for a change.

As a cooker, Hubbard heads the list of winter varieties and the praises we get are gratifying.

We consider this the leader of all winter squashes, meriting distinction over many other well-known varieties. It matures earlier and keeps better. The vines are of strong running growth; fruits are large, olive shaped, of a deep rich green color fine grained, very dry, the rind is smooth and altogether the fruit has a handsome appearance. The flavor is excellent and truly deserves the appellation of the one word "Quality."

Pkt. **5c**, oz. **20c**, $\frac{1}{4}$ lb. **60c**, $\frac{1}{2}$ lb. **\$1.10**. Postpaid.

Vegetable Marrow—English Long White (Bush)

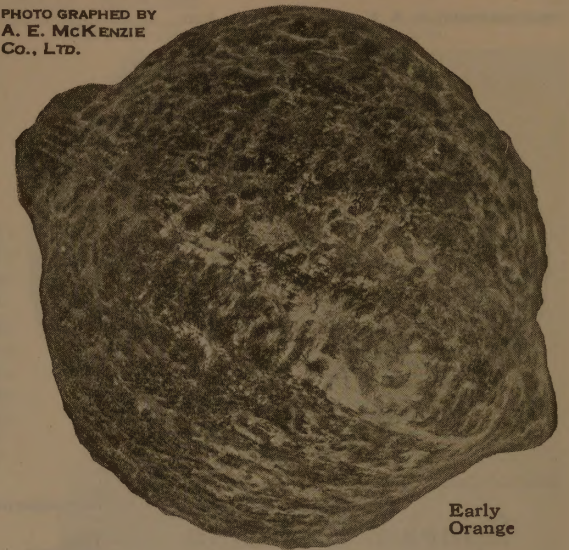
An Old Favorite

1268—This variety has stood the test of many years and is still rightly considered to be one of the most desirable varieties to grow, as it is an unusually safe cropper, fruiting abundantly if permitted, although better results are obtained when thinning is adopted. Fruits are oblong, tapering slightly at each end, and creamy-white in color. No other variety can approach the Long White for exquisiteness of flavor and is highly esteemed for its well merited cooking qualities. (See illustration.)

Pkt. **5c**, oz. **30c**, $\frac{1}{4}$ lb. **90c**, $\frac{1}{2}$ lb. **\$1.60**. Postpaid.

Other Varieties

	Pkt.	Oz.	$\frac{1}{4}$ lb.	$\frac{1}{2}$ lb.
1240 —EARLY YELLOW BUSH SCALLOP. An early variety, with flat, round scalloped fruit; skin deep yellow, flesh pale yellow color.	.05	.20	.60	\$1.10
1241 —EARLY WHITE BUSH SCALLOP. Similar to above, but with creamy-white skin.	.05	.20	.60	1.10
1242 —CROOKNECK. Splendid sort, early, productive and fine quality.	.05	.20	.60	1.10
1243 —PERFECT GEM—Nearly round, 4 to 6 inches in diameter; prolific, skin cream-white; flesh white-grained.	.05	.20	.60	1.10
1244 —BOSTON MARROW. Large oval fruit; skin bright orange, flesh orange, fine-grained and excellent quality.	.05	.20	.60	1.10
1245 —FORDHOOK. It ripens early and is one of the best keepers we know of; very prolific, flesh thick, straw-colored.	.05	.20	.60	1.10
1246 —GOLDEN HUBBARD. Bright deep orange-yellow fine-grained, cooks very dry, and of excellent flavor; prolific and a good keeper.	.05	.20	.60	1.10
1247 —CHICAGO WARTED HUBBARD. Extra choice variety, delicate, sweet flesh; not so thick as the old Hubbard; good keeper.	.05	.20	.60	1.10



Early
Orange



NO PLANTS OR BULBS

Owing to the enormous demand for McKenzie Seeds, we have found it necessary to devote our attention exclusively to the production and sale of seeds; we do not handle bulbs or plants of any kind.



Early Snowball Turnip

PHOTOGRAPHED BY
A. E. MCKENZIE
CO., LTD.

Turnip Early Snowball—(White Stone)

Suitable for Table Use

1335—A very fine selected stock, flesh pure white, solid and of superior flavor. For general use it is unequalled and is an ideal variety for exhibition. A distinct and beautiful turnip of remarkably quick growth. (See illustration.)

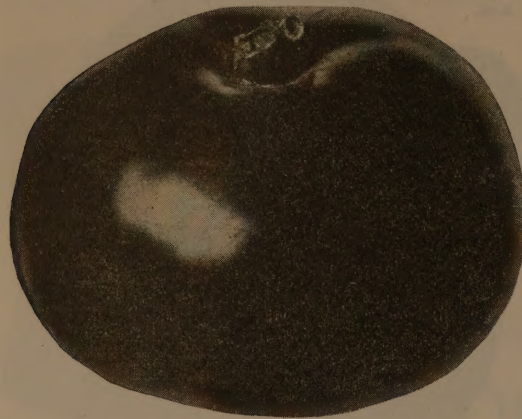
Pkt. **5c**, oz. **25c**, $\frac{1}{4}$ lb. **75c**, $\frac{1}{2}$ lb. **1.30**, lb. **\$2.50**. Postpaid.

Other Varieties

	Pkt.	Oz.	$\frac{1}{4}$ lb.	$\frac{1}{2}$ lb.	lb.
1336 —GOLDEN BALL. A very beautiful and bright yellow turnip of medium round size, and of universally sweet and delicious flavor. Flesh of golden yellow, fine texture, firm.	.05	.25	.75	1.30	2.50
1337 —EXTRA EARLY PURPLE TOP MILAN. Flesh white, tender, smooth grained and delicious. Shape is flat and smooth.	.05	.35	1.00	1.80	3.50
1338 —PURPLE TOP WHITE GLOBE. High-class variety, early, good keeper.	.05	.25	.75	1.30	2.50
1471 —SWEDE BREADSTONE GREEN TOP. White, solid and delicious in flavor. Specially suitable for table use.	.05	.15	.45	.80	1.50
1468 —SWEDE MCKENZIE'S NORTH WESTERN. Invaluable for Stock or Table purposes—very good flavor.	.05	.15	.50	.90	1.65

The Proof of the Seed is the Crop—Sow McKenzie's

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



Sparks' Earliana

Sparks' Earliana

A Standard Early Variety

1300—There seems to be no geographical limitation for this splendid Tomato. It accepts soils and weather conditions even to some very remote northerly points.

Its solidity and fine quality are equal to most every type grown.

Plants are very compact, with stout jointed branches, and the vines yield enormously. Fruits which are of moderate size are set close to the centre of the plant; thus exposed, the sun readily ripens them. Uniform, smooth and attractively shaped. Color bright scarlet. Remarkably free from seeds and cavities. Its delicious quality and flavor are its crowning merits. Is an especially good keeper. The selection of the stock we offer has extended over many years thus ensuring uniformity of fruits. (See illustration.)

Pkt. **5c.** 1/2 oz. **30c.** oz. **50c.** 1/4 lb. **\$1.50.** Postpaid.

Nine Books Free

With Orders

How to cook Vegetables.
Millets and why they should be Grown.
Money in Hogs (Rape, Millet, etc.)
Onions and How to Grow Them.
Clover in the Canadian West.
Alfalfa in Western Canada.
Profitable Poultry.
Lawns.
Sweet Peas and their Culture.

The Regular Price of each of these Books is 10 cents but we will upon request **GIVE A BOOK FREE** with orders for each of the article or articles upon which the book treats. To those who do not order the varieties treated in the books, we will send any 10-cent book for 5 cents postpaid, or the 9 for 30 cents.

Other People's Opinions

The Seeds which I bought from you gave every satisfaction and I am very pleased with the results.

G. Darbyshire,
Annette, Sask.
Sept. 11, 1917.

I have used your seeds for a number of years and find them splendid as I always have good gardens.

Mrs. D. Gower,
March, 1917.

We have been using your seed for a good many years and are well pleased with them.

Our dealers handle McKenzie's seeds so we can buy most of the seeds in our home town.

Anton Dobeck,
Kenaston, Sask.
May 8th, 1917.

I have planted all the seed that I received from you, every seed that I planted has come up, the plants are growing just lovely.

Mrs. Louis J. Beck,
Amazon, Sask.
May 28th, 1917

Tomato

Alacrité

The Earliest and Best of the Early Section

1306—Three seasons ago we introduced this fine Tomato to our customers and results have more than justified and confirmed the opinion we formed at that time. It is certainly one of the best selections that has ever come under our notice and has given unbounded satisfaction wherever grown. The primary requisite in Tomatoes is earliness and Alacrité has proved every claim made for it in this request. Secondly productiveness is looked for and here again it does not disappoint. Its yield is enormous under normal conditions and right treatment. The eating quality is superb and in summing up it is generally agreed to be the Earliest, Large Smooth, Heavy Yielding Red Tomato in commerce which is bound to increase in popularity as its merits become more widely known. It originated at the Central Experimental Station, Ottawa, where it was selected for earliness and superfine quality. Every gardener should order Alacrité (See illustration.) Pkt. **10c.** 1/2 oz. **40c.** 1 oz. **60c.** 1/4 lb. **\$1.75** Postpaid.

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



Alacrité

Chalk's Early Jewel

Aply Named

1299—One of the largest, smoothest, and best flavored early Red Tomatoes in cultivation. About ten days later than Earliana but a much heavier cropper. Its large, handsome fruits are very solid, deep through, bright scarlet color; ripen right

up to the stem without cracks or green core. The foliage is open, admitting lots of sun, ripening the fruit rapidly, evenly, thoroughly. Leaves dark green and inclined to curl. Flesh is thick, bright scarlet, solid; very few seeds; sweet flavor and thin skin.

For general garden planting we consider Chalk's Jewel one of the most desirable sorts grown. We strongly recommend every user of vegetable seeds to give this a trial. We only list varieties which we consider will repay our customers for their outlay, time and trouble. (See illustration.)

Pkt. **5c.** 1/2 oz. **30c.** oz. **50c.** 1/4 lb. **\$1.50.** Postpaid.

THE BEST IN THE WORLD.

I received your garden seeds last spring, and I think they are the best in the world. Everything I planted grew so nice. I am well satisfied with your seeds and will buy no others as long as I can get yours. I remain, customer and friend.

Sept. 4, 1917. **JAMES RICE,**
Tuxford, Sask.

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



Chalk's Early Jewel

Have a better garden than ever before—Plant McKenzie Seeds.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

Tomato

McKenzie's First of All

A Splendid Main Crop Variety

1298—McKenzie's first of all is unsurpassed in quality. It derives its name from its extreme earliness and is unquestionably a great Tomato. Its production of fine, large fruits is enormous. The plants are compact in growth with short close jointed branches, setting fruits very freely.

The Tomatoes are very uniform in size, of smooth regular form. Is a beautiful red which continues to the very core. Choice seed grown under most excellent conditions producing a selection second to none on the market. The most important features to consider when growing Tomatoes are, rapid growth and adaptability to climate. This variety, owing to its extreme earliness, fills the bill admirably and is undoubtedly one of the very best for the Prairie West. (See illustration.)

Pkt. 10c, 1/2 oz. 40c, oz. 65c, 1/4 lb. \$1.85. Postpaid.

Early Atlantic or Ruby

Recommended for Heavy Cropping

1301—An extremely early Tomato that is exceptionally productive naturally must be a strong, robust type.

Early Ruby is unquestionably a great open air Tomato for producing big crops.

One of the handsomest Tomatoes on the market combining all the essentials needed to make a variety popular in Western Canada by its extreme earliness and the capacity of producing clusters of smooth, round, bright red fruits devoid of blemishes and possessing a flavor unexcelled for quality. Flesh solid, unmatched in texture and with no hard core. The vines are of strong, vigorous growth, close jointed and as the blossoms set freely the plants are capable of producing very heavy crops of well formed fruits of immense size, suitable for slicing.

As the vines are not over-burdened with foliage and the individual leaves are small, the fruits are quickly exposed to the beneficial influences of the sun which naturally assists evenness and earliness of maturity. This is a grand variety for the private grower or market gardener, as it embraces all the essential features which are absolutely necessary for a Tomato to possess if Tomatoes are to be a successful and profitable crop.

Pkt. 5c, 1/2 oz. 30c, oz. 50c, 1/4 lb. \$1.50. Postpaid.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



Husk Tomato

Golden Husk Tomato

Also Called Strawberry or Ground Cherry

1305—Is greatly in demand for use as a preserve. It makes delicious pies either when ripe or dried with sugar. The fruits are enclosed in a husk or calyx. They grow about half an inch in diameter and are of very sweet and agreeable flavor. (See illustration.)

Pkt. 5c, 1/2 oz. 45c, 1 oz. 75c. Postpaid.

Other Varieties

- 1302**—RED CHERRY. A small early variety, size and shape of a cherry...
1303—YELLOW PLUM-SHAPED. The fruits average two inches in length and one inch in diameter, of a bright lemon-yellow; are solid and fleshy...
1304—RED PEAR-SHAPED. A favorite for preserves; and also "tomato figs." Fruit is bright red, perfect pear shape, and rich flavor.....

Postpaid.		
Pkt.	1/2 oz.	1 oz.
.05	.45	.75
.05	.45	.75
.05	.40	.75

Tobacco

- 1325**—CONNECTICUT SEED LEAF. Usually considered the standard....

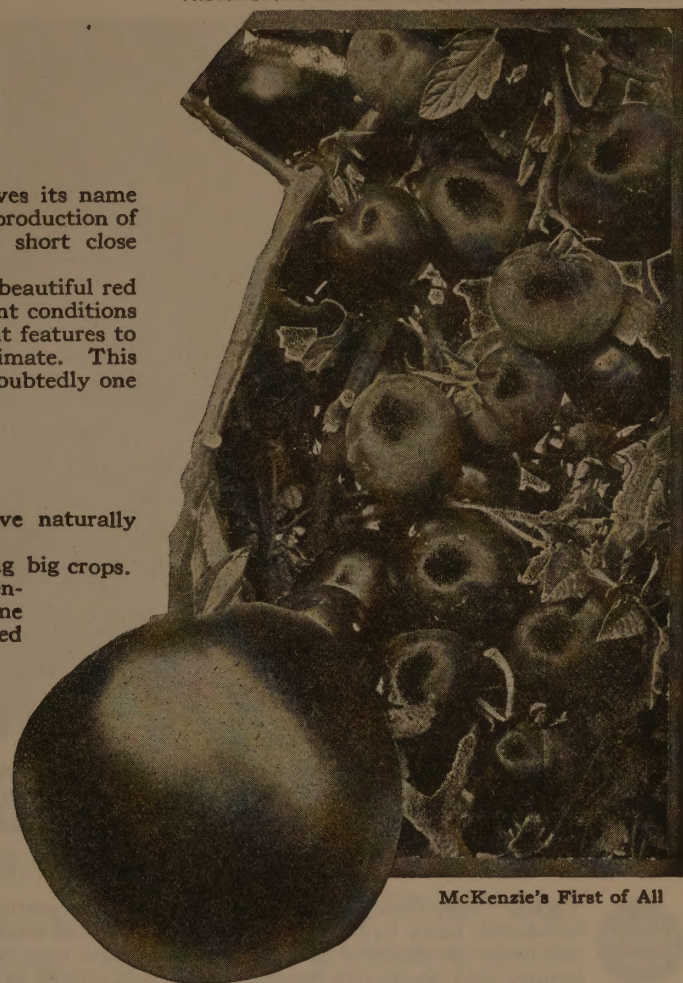
Pkt.	1/2 oz.	1 oz.
.05	.40	.75

Sweet, Medicinal and Pot Herbs

A CORNER OF EVERY GARDEN should be allocated to the growing of a supply of pot-herbs which are so essential for domestic use. They can be gathered for flavoring purposes during the summer months; or the young stems and leaves can be cut on a dry day, tied in bunches and dried in a cool place for use during the winter months—Pack closely in bottles to exclude air.

	Postpaid.	Pkt.	Oz.
1357 —ANISE. Seeds aromatic and carminative.....	.05	.40	
1358 —BALM. For making balm tea.....	.05	.50	
1359 —BORAGE. Leaves used as a salad and for flavoring; flowers excellent for bees.....	.05	.60	
1360 —CARRAWAY. Seeds are used for flavoring bread, pastries and meats.....	.05	.25	
1362 —DILL. Leaves are used in pickles, and for flavoring soups and sauces.....	.05	.50	
1363 —FENNEL SWEET. The leaves boiled are used in sauces.....	.05	.40	
1364 —HOREHOUND. The leaves are used for flavoring and the manufacture of cough medicine.....	.05	.60	
1365 —HYSSOP. The tops and flowers are used for tea.....	.05	.50	
1366 —LAVENDER. Used for perfumery.....	.05	.75	

	Postpaid.	Pkt.	Oz.
1367 —POT MARIGOLD. The dried flowers are used for seasoning soups.....	.05	.50	
1368 —ROSEMARY. Aromatic leaves used for seasoning.....	.10	1.00	
1369 —RUE. For medicinal purposes; good for fowls for the croup.....	.05	.85	
1370 —SAGE. Leaves and tops used for seasoning and stuffing.....	.05	.50	
1371 —SUMMER SAVORY. The leaves and young shoots are used for flavoring.....	.05	.75	
1372 —SWEET MARJORAM. Leaves and ends of young shoots are used for flavoring in summer and also dried for winter use.....	.05	.75	
1373 —THYME. Used for seasoning.....	.05	.85	
1374 —WORMWOOD. Beneficial for poultry, should be planted in poultry yards.....	.10	1.00	



McKenzie's First of All

ALWAYS SATISFIED.

For the last five years I have been buying flower and garden seeds from your firm and I may say that I have always been satisfied with them. They really are in size and quality what they are represented to be in your catalogue.

Rev. G. Leouard,
Camperville, Man.

Sept. 12, 1917.

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



Every seed grew, and the plants made rapid and strong growth. They stood all the frost up to the beginning of October. They bore well and the berries were perfect in shape and color. We found that when preserved the flavor was very similar to the English blackberry.

Stanley M. Carter,
Artland, Sask.

Oct. 16.

The Solanberry is doing fine, big bushes and just loaded with fruit, tasting excellent.

Walter F. Bisgaard,
Fife Lake, Sask.
Sept. 3, 1917.

The Solanberry

The Greatest Fruit Berry of the West



1555—Now firmly established and proven as particularly suitable for our western climate we unhesitatingly pronounce this wonderful berry to be the finest specialty of its kind we have ever introduced. Orders pour in each season in great numbers and many are received specifying this one item only thus proving that its merits are widely known and appreciated. It literally jumped into popularity immediately it was offered in our catalogue.

Origin

We are always on the alert for any plant that may prove of value to the territory it is our pleasure to serve.

In March, 1915, one of our customers, Mr. N. P. Evans, sent us a packet of a berry which he had been growing for a few years. He did not know the name of the plant, but his description of its character appealed to us very strongly, and we arranged to have a careful trial made. We watched its progress with considerable interest and it certainly made good every claim put forward for it by Mr. Evans, viz:

"Very hardy, requires no hot bed or other nursing, ordinary fall frosts do not injure but seem rather to improve the fruit, which looks almost exactly like a black currant. It is almost as certain as death and taxes."

Adaptability

Considering the limited number of fruits that can be successfully cultivated in the Canadian West it is natural to expect that any new introduction which has proved its suitability to our climate will be eagerly sought after. Solanberry has proven its value over several seasons so that its adaptability to our climate is assured.

Sealed packets, **15c.** Postpaid.

Hardiness

Its hardiness is perhaps one of the chief points of recommendation—it withstands frost to a remarkable degree and continues to fruit after other plants such as Corn, Tomatoes, etc., have failed. This has been particularly noticeable each fall.

Uses

There are so many different domestic uses this delicious berry can be put to that its permanent popularity is assured. For instance it can be used for making cakes, custard, fruit sauces, jam, jelly, marmalade, pies, pickles, spices, wine, cordial and for general table use. A delicacy for the epicure.

Our photograph tells its own story from the growing plant to the bottled fruit. The nicest dish of its kind "fit to put before a king."

It might be well to state that this Berry would not perhaps have earned such prominence and become so rapidly popular in countries which produce a greater number of similar fruits.

The demand is so heavy that we urge everyone to order early to prevent disappointment.

The same cultural directions as for the Wonderberry apply.

The Wonderberry (Sun-berry)

The Wonderberry is one of Burbank's greatest creations, and is considered excellent for making pies, syrups, jams, wine, &c., also for many other table delicacies. We send a book of dainty Wonderberry recipes with each packet. This wonderful berry is blue-black in color, and in appearance closely resembles the Blueberry. It has a very fine flavor.

The plant sends out from one root-centre hundreds of shoots or vines, and each vine is one veritable mass containing thousands upon thousands of berries.

As its name (Sunberry) indicates, it requires considerable sun, to ripen the berries. For this reason seed should be sown indoors in early March (otherwise it will not ripen), transplanting to the open when weather permits. If started indoors, great abundance of berries will be your reward; 25 to 50 plants 3 feet apart each way being ample for ordinary requirements.

1550—Packet, **10c.** Postpaid.

Make sure Solanberry is included in your order.

PHOTOGRAPHED BY A. E. MCKENZIE Co., LTD.



Manitoba Maple



Cottonwood



White Spruce

Tree, Shrub and Fruit Seeds

Seeds of Trees, Shrubs and Fruits grow readily in the Canadian West, therefore it is somewhat surprising that they have not received greater attention—which they undoubtedly deserve. A well trimmed hedge and a few suitable shrubs add much that is desirable to the garden. The seeds offered below being mostly native grown are acclimatized to withstand our climate.

Elms and Birch are better sown as soon as the seed is ripe, for they are apt to lose their vitality quickly. Orders for these will be booked for delivery in June. BOX ELDER or MANITOBA MAPLE will yield about 2,500 plants from one pound of seed. CARAGANA will yield about 2,750 plants from one pound of seed. MANITOBA WHITE ASH will yield about 3,500 plants from one pound of seed. LARCH, BALSAM FIR, SPRUCE AND PINES, one pound of seed is sufficient for 100 square feet of surface.

	Pkt.	oz.	POSTPAID			
			1/4 lb.	1/2 lb.	1 lb.	
1400—BALSAM FIR (<i>Abies balsamea</i>). An ornamental evergreen tree; very hardy. Sow seed in the spring in prepared beds and in rows 6 inches apart; cover with a light layer of sand and allow them to remain in the beds for two years before transplanting.	.10	.40	\$1.35	\$2.50		
1401—BARBERRY, COMMON (<i>Berberis vulgaris</i>). Useful for hedges and shrubberies. Very attractive. Seed should be sown as soon as ripe in light, sandy soil. Thin out the seedlings when large enough and transplant following spring.	.10	.30	.85	1.50		
1402—BARBERRY, PURPLE-LEAVED (<i>Berberis atropurpurea</i>). Has rich, purplish-red leaves. Culture same as preceding.	.10	.40	1.35	2.50		
1403—BOX ELDER OR MANITOBA SOFT MAPLE (<i>Acer negundo</i>). When not too crowded will form beautiful groups in the garden. Requires a somewhat sheltered position. Easily raised from seed sown in spring or fall.	.10	.20	.45	.80	\$ 1.50	
1404—BUCKTHORN (<i>Rhamnus Frangula</i>). Also known as the Berry-bearing Alder. Suitable for hedges and will thrive in any good garden soil. Seed may be sown as soon as ripe or in spring in cold frames.	.10	.30	.85	1.50		
1405—COTTONWOOD (<i>Populus deltoides</i>). Recommended particularly for the Canadian West on account of its rapid growth. Is very ornamental and attractive when planted in rows or avenues. Thrives on most soils.	.10	.30	.85	1.50		
1406—DOGWOOD (<i>Cornus stolonifera</i>). Very ornamental, flowers white followed by white berries. Prefers moist situation. Sow seed in fall, pricking out seedlings in the following spring.	.10	.30	.85	1.50		
1407—GINNALIAN MAPLE (<i>Acer tataricum</i>). Very ornamental. Same cultural directions as for Box Elder.	.10	.50	1.75	3.00		
1408—LARCH OR TAMARACK (<i>Larix Laricina</i>). Cultivation the same as for Balsam Fir.	.25	.50	1.50			
1409—LILAC (<i>Syringa vulgaris</i>). Very attractive and early flowering. Thrives in almost any soil.	.10	.30	.85	1.60	3.00	
1410—GREEN ASH (<i>Fraxinus veridis</i>). Seed should be sown in the spring in beds of good sandy loam and allowed to remain two seasons before transplanting in rows 6 inches apart, placing the seedlings 18 inches apart in the rows.	.10	.30	.85	1.60	3.00	
1411—MANITOBA NATIVE PLUM (<i>Prunus niger</i>). Sow seed as soon as ripe in a sheltered position. Thrives in any good garden soil. Very attractive and suitable for shrubberies, avenues, etc.	.10	.30	1.00	1.75	3.25	
1412—MANITOBA WHITE ASH (<i>Fraxinus Americana</i>). Easily distinguished by the lighter, brownish-grey bark and pale green leaves. Same culture as Green Ash.	.10	.30	.95	1.75		
1413—MANITOBA WHITE ELM (<i>Ulmus Americana</i>). Very ornamental, prefers a mellow, loamy soil. Sow seed as soon as ripe in the spring.	.30	.30	.95	1.75		
1414—MOUNTAIN ASH (<i>Sorbus Americana</i>). Flowers white, followed by large bunches of bright red berries. Very attractive and ornamental. Sow seed as soon as ripe in prepared beds in the open.	.10	.40	1.35	2.50		
1415—RUSSIAN OLIVE (<i>Elaeagnus angustifolia</i>). Also known as Jerusalem Willow. An ornamental shrub frequently covered with silvery scales. Sow seed in spring.	.10	.40	1.35	2.50		
1416—SCOTCH PINE (<i>Pinus sylvestris</i>). Same culture as Balsam Fir.	.10	.50	1.75	3.00		
1417—SIBERIAN PEA TREE (<i>Caragana arborescens</i>). Suitable for hedges and shrubberies and will flourish on poor soils. Seed may be sown as soon as ripe or in early spring.	.10	.25	.75	1.35	2.50	
1418—SPRUCE, BLACK (<i>Picea nigra</i>). Suitable for pleasure grounds, parks, etc., and adapted for dry, rocky soils. For sowing see Balsam Fir.	.25	.30	1.00			
1419—SPRUCE, NORWAY (<i>Picea excelsa</i>). A very attractive species suitable for parks and pleasure grounds. For sowing see Balsam Fir.	.10	.40	1.40	2.60	5.00	
1420—SPRUCE, WHITE (<i>Picea alba</i>). Of attractive appearance, suitable for parks, pleasure grounds, etc. For sowing see Balsam Fir.	.10	.65	2.25	4.00		
1421—TARTARIAN HONEYSUCKLE (<i>Lonicera tartarica</i>). Flowers pink to red and white. Fruits red. Sow seed in spring in cold frame and transplant when large enough in rich loamy soil. Red or white.	.10	.55	1.00	1.85		
1422—WHITE BIRCH (<i>Bitula alba</i>). Trees are decidedly graceful and attractive. Sow seed in spring in beds of sandy loam and transplant following year.	.10	.30	.85	1.50		

Seed in all cases should be sown in drills in prepared beds and in a sheltered position, giving as much shade as possible and protection during the winter, for besides keeping the soil moist it lessens the possibility of freezing. Do not sow the seeds too thickly in the rows, which should be in all cases 6 inches apart. Seedlings can advantageously be left in the soil for two years before transplanting.

Grow More Roots

Britain and in fact all other European countries root crops are grown on a large scale on every farm. Mangels are considered indispensable where stock of any kind is kept. From an economical point of view the Mangel crop is one of the most profitable on the farm as is amply demonstrated by the immense yields which are produced from an acre at very little outlay either in material or labor. 18 to 20 tons of roots per acre is not unusual, some of the roots weighing from 20 to 30 lbs. each.

Importance of Roots to the Stock Feeder

Field roots are relished by every class of live stock, and numerous experiments have shown that the best results in feeding are often unattainable if they are not included in the ration. In Denmark and Sweden, the present recognized importance of the bacon and dairy industries is due in no small measure to the liberal feeding of field roots to hogs and dairy cattle. In a great many parts of Canada ensilage corn can be profitably grown, and in such sections it is recognized as an economical crop to grow as forage for stock. In spite of this, however, field roots, on account of their peculiar value in adding palatability to the ration, are still grown in even the best ensilage corn sections of the country. Further, the root crop is a safe venture where the climatic conditions are such as to render the results with corn just a little uncertain. We earnestly recommend every farmer to seed an acre or two of Mangels this season as we are confident the results will more than justify the outlay.

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



McKenzie's Eclipse



McKenzie's Manitoba Giant Yellow



Yellow Intermediate or Gate Post

Mangel

McKenzie's Eclipse

A Mangel of Great Merit

1441—In McKenzie's Eclipse we have one of the most improved types. The exceptional quality of the flesh so highly charged with saccharine entitles it to all the praise that can be centred upon it, and it is essentially a dairyman's mangel. The roots are of a deep orange color similar in tint to the Golden Tankard Mangel but of a more uniform and plump shape. Its even thickness throughout illustrates its modified absence of waste and large yielding characteristics.

Another remarkable feature is the very small tops which permit of close planting. It is an exceptionally easy variety to harvest. (See illustration.) $\frac{1}{4}$ lb. **30c**, $\frac{1}{2}$ lb. **55c**, 1 lb. **\$1.00c**. Postpaid.



McKenzie's Manitoba Giant Yellow

Our Standard Type

1442—This is what is known as an intermediate type, and one of the heaviest croppers and largest grown. It grows from one to two-thirds above the surface, reaching large proportions in size. The skin is a rich golden yellow; flesh white, firm, and sweet in flavor, and esteemed highly for its feeding qualities. As the photograph indicates it has an exceptionally fine, smooth, round shape that renders the harvesting a comparatively easy matter. Its great value lies in its high percentage of saccharine matter, consequently as a fattening for food stock it is unequalled.

Ranks high in saccharine substance, which combined with its heavy yield has given it a prominence out-ranking most other types. (See illustration.) $\frac{1}{4}$ lb. **30c**, $\frac{1}{2}$ lb. **55c**, 1 lb. **\$1.00**. Postpaid



Yellow Intermediate or Gate Post

A Magnificent Quality Mangel

1445—Synonymous with its name it resembles in shape and size a "post." We firmly believe that every farmer who gives "Yellow Intermediate" a trial will, to a man, retain it year after year, convinced that it is a grand mangel in every sense of the word.

The merits of this mangel are many. 1st—It is an exceptionally heavy cropper. 2nd—Large size. 3rd—Easily harvested (as it grows about one half out of the soil.) 4th—Very rich in saccharine. 5th—Highly relished by all kinds of stock. 6th—Has a luscious sweet flavor. 7th—Very firm and solid. 8th—Fine keeper. 9th—Fine appearance. 10th—Seed specially selected. 11th—Seed highly developed. (See illustration.)

$\frac{1}{4}$ lb. **30c**, $\frac{1}{2}$ lb. **55c**, 1 lb. **\$1.00**. Postpaid.

There is no better paying crop than an acre or two of Mangel—Sow McKenzie Seeds

McKenzie's Peerless

Of Very High Feeding Value

1440—In introducing "McKENZIE'S PEERLESS" we have a new mangel that will be very hard to beat on the point of feeding value. In heavy crop yield it is a wonder, yielding from 30 to 40 tons per acre on well prepared land. In the most severe laboratory tests PEERLESS has produced more sugary or dry feeding matter than any other. It resembles somewhat the Yellow Intermediate, roots are long, tapering gradually, skin is a reddish yellow. Grows well above the ground and is easily harvested. We recommend, however, growing the roots fairly close in the rows, as the smaller roots contain a higher percentage of sugar matter and the close planting increases the yield. (See illustration.)

1/4 lb. **35c.** 1/2 lb. **65c.** 1 lb. **\$1.25.** Postpaid.

Giant Long Red

Unquestionably a Root of Exceptional Merit

1443—Many large dairy farmers consider our pedigree stock of large red mangel to be of the greatest value for feeding milch cows. Specially selected and grown.

The roots are very large, uniformly straight and well formed. Color, deep red, roots solid, tops small.

In the selection of this variety the qualities sought have been the greatest weight with absence of superabundant top and roots and the stock offered can be recommended as possessing these qualities in an eminent degree. 1/4 lb. **30c.** 1/2 lb. **55c.** 1 lb. **\$1.00.** Postpaid.

void of side shoots or fangs. The crop is under favorable conditions will remain in

Mangel

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



McKenzie's
Peerless
Mangel

McKenzie's Selected Prizetaker Yellow Globe

Every Mangel Grower Should Try This

1448—McKenzie's Selected Prizetaker Yellow Globe Mangel has all the essentials in a very pronounced form which will make it a very popular sort with dairymen who estimate quality at its intrinsic value.

This strain has been selected by careful breeding and the type is fixed, producing very large globular roots of symmetrical form, and of great depth with a single tap root, thus ensuring practically no waste. Does not bury itself in the soil and is easily pulled, thus saving much labor when lifting. The roots are very smooth, with very small tops. Skin a rich yellow and a good keeper. (See illustration.)

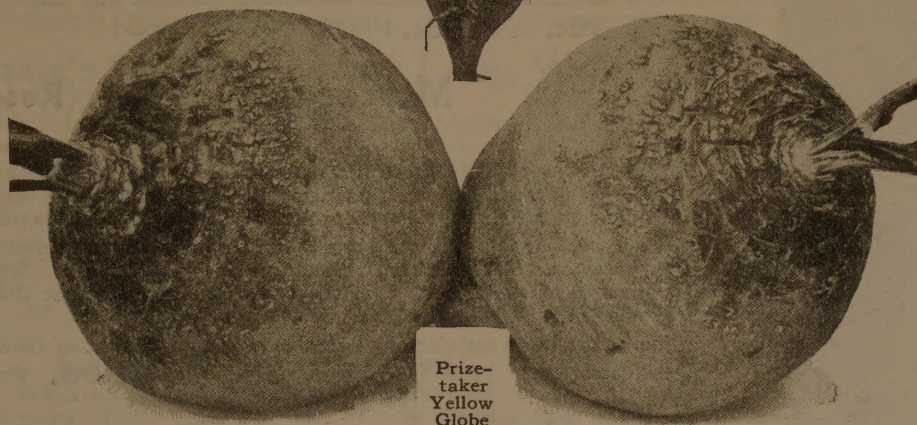
1/4 lb. **35c.** 1/2 lb. **65c.** 1 lb. **\$1.25.** Postpaid.

Giant Yellow Globe

The Highest Type of Yellow Globe in Existence

1447—Nothing short of actual knowledge of this fine variety will convey an idea of its great value, whether considered for its high percentage of sugar, fine appearance, immense size and productiveness. Noted for its small top and as it almost sits on the soil, lifting the crop involves the minimum of expense.

These Mangels are models of perfection, growing uniformly, and cylindrical in shape, and the skin is an attractive golden yellow. The flesh is fine-grained, nutritious and highly relished by stock. 1/4 lb. **30c.** 1/2 lb. **55c.** 1 lb. **\$1.00.** Postpaid.



PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

Prize-
taker
Yellow
Globe

McKenzie's Selected Golden Tankard

Unequalled for the Dairy Farmer

1444—Possesses the highest feeding properties. The color of the rind is a deep reddish orange and the flesh is yellow. It does not grow as large as the Yellow Globe, but heavy crops can be raised as the roots may be grown closer together. Very rich in saccharine it has no rival for feeding value. Stock thrive rapidly and prefer the Golden Tankard. The roots are tankard shape, of a handsome uniform type, mature early and are usually de-

easily and cheaply harvested and when stored excellent shape for a long period. (See illustration.)

1/4 lb. **30c.** 1/2 lb. **55c.** 1 lb. **\$1.00.**

Postpaid.



PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

ROOT

CROPS

To obtain a healthful appearance, increase of weight and general physical fitness of stock, mangel and other root crops are a necessity with every stock raiser.

In favorable weather mangels will mature in 140 days from date of sowing.

REASONS WHY

Every merchant "blows his own trumpet" in the pursuit of business. Our reasons for expecting your trade, are because we realize that our success depends upon the success of our customers. McKenzie seeds help the farmer to succeed.

McKenzie's Selected Golden Tankard

Sugar Beet Half Sugar Mangel

A Succulent Winter Feed for All Live Stock

Many are under the impression that Sugar Beet and Mangel are synonymous; but such is not the case. Sugar Beet differs from the ordinary varieties of Mangel, being much sweeter and more nutritious. The yield, however, is somewhat lighter; but many claim that what the beet loses in yield it easily makes up in saccharine (Sugar). The seed resembles that of Mangel and the method of cultivation is the same. The percentage of sugar is a variable quantity, some stocks giving as high as 16 to 20 per cent, while others as low as 6 to 8 per cent. It is therefore obvious that to obtain the best results only first-class pedigree stocks of seed should be used.

PHOTOGRAPHED BY
A. E. McKENZIE Co.,
LTD.

McKenzie's Monarch (White)

Remarkably Productive

1430—In order to obtain the highest percentage of sugar it is imperative that a first-class pedigree stock of seed be sown. Monarch supplies this need.

Its preponderance of sugar alone makes it a very valuable acquisition, as its sweetness is relished immensely by stock. Owing to its very large size it produces an exceptionally heavy yield, while its freedom from tap roots renders harvesting very easy. It differs from other varieties in appearance, as the upper portion is green, shading down to white at the bottom. The flesh is white, fine-grained, solid, tender and sweet.

We particularly call attention to its soil and climatic adaptability, as it will thrive under adverse conditions and produce abundantly on most any soil.

1/4 lb. **30c**, 1/2 lb. **55c**, 1 lb. **\$1.00**. Postpaid.



McKenzie's Giant (Rose)

Highly Nutritious

1429—One of the largest and most productive Sugar Beets that can be grown. We strongly recommend this as a particularly fine stock feeding Sugar Beet of exceptionally high nutritive value and it is grown almost exclusively for this purpose.

The upper portion is of soft, bright pink, shading lighter towards the bottom, which is white. The flesh is white, firm, crisp and sweet. Recommended to Dairymen in particular, as it is very much more nutritious than Mangel and yields almost as much.

One of the most satisfactory kinds to grow on account of its adaptability to the West. (See illustration.) 1/4 lb. **30c**, 1/2 lb. **55c**, 1 lb. **\$1.00**. Postpaid.



Danish Improved (Rose)

Deserving of More General Culture

1431—This selection has gained rapidly in popularity during the past few years and it only needs to be still more generally grown for its merit to be more appreciated.

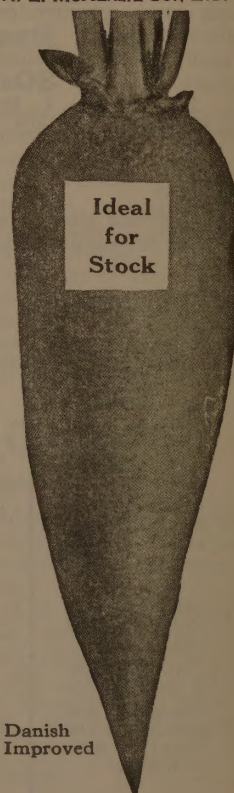
Considered by many eminent authorities to be one of the best selections of the Sugar Beet family and laboratory tests show that it possesses a very high percentage of sugar making it invaluable for stock feeding. The sugar Beet industry in Denmark is a very important one and much appreciated assistance and encouragement has been given by the Danish Government to well known Seed Specialists in order to stimulate and increase the interest in this very valuable stock feeding root.

The roots of McKenzie's Danish Improved are of thick oval form tapering very gradually. Pink in color with white tip. A heavy cropper and in all points a very desirable selection to grow. (See illustration.) 1/4 lb. **30c**, 1/2 lb. **55c**, 1 lb. **\$1.00**. Postpaid.

1432—KLEIN WANZLEBEN. Not for stock feeding, but for the manufacture of sugar. Grows well in the ground.

1/4 lb. **35c**, 1/2 lb. **65c**, 1 lb. **\$1.25**. Postpaid.

PHOTOGRAPHED BY
A. E. McKENZIE Co., LTD.



Danish Improved

McKenzie's
Giant

The Seed Situation

There is no question about the Seed Shortage from European producing centres owing to depletion of labor on the farms and government insistence that only such crops be grown as may be utilized for food.

This means a serious and much reduced production in quantity and possibly a lowering of quality, as there is not the expert help available to give the necessary attention to this important branch of the seed business. As a consequence Root Crops saved for seed will be much less than usual and with no immediate prospect of improvement early ordering is strongly recommended before some of the varieties are completely exhausted.

Our business is a *going* business and a *growing* business.

Field Carrot For Stock

The best is that which renders the most service. Not the cheapest, nor yet the dearest.



PHOTOGRAPHED
BY A. E.
McKENZIE
CO., LTD.

Giant White Vosges

It has long been recognized that all kinds of Stock are extremely sensitive to a change of diet, and in order to obtain the best results it is essential that a variety of food be given. Carrots form one of the best articles of food for stock and are highly relished. The feeding value runs very high, being directly proportionate to the dry matter protein which, pound for pound, is equal to any grain and in many cases exceeds it. Scientific analysis reveals that the constituents of Carrots are 87% of water, about 1 1/4% of albuminoids, nearly 7% of sugar and 2% of Carbohydrates. It is necessary to mention that Carrots are not good for very young animals, although they will, if given the opportunity, eat them greedily. Carrots are principally given to horses. The quantity of seed required per acre is 8 lbs. Should be grown to give that change of diet essential to successful stock raising. We only list the varieties which we know are most suitable for the West.

McKenzie's Improved Half Long White

The Leading Carrot for Stock

1394—Every farmer who has given this variety a trial is enthusiastic in stating that it is one of the heaviest croppers grown. Marked improvements in the condition of stock have been obvious in every instance where it has been used. Aside from its feeding value for stock, which is the very highest, this splendid variety is the heaviest cropping Carrot. The roots are smooth, clean, and well shaped, short and very heavy at the shoulder, thus rendering them easy to harvest. Do not break in pulling and sorting. Sound and solid. An exceptionally good keeper; has great succulency and nutritiousness which make stock relish it keenly. The flesh is white, crisp, solid and very sweet in flavor. An improvement on the white and green Belgian sorts. (See illustration.) Oz. **20c**, 1/4 lb. **60c**, 1/2 lb. **\$1.10**, 1 lb. **\$2.00**. Postpaid.



HIGHLY SATISFIED

Having used your seeds for the first time this summer I think it is my duty to inform you that I am highly satisfied with the results.

F. E. Farnsworth,
Oct. 2, 1917. Sunkist, Sask.

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



Improved Half Long White

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.

Giant White Vosges

A Grand Carrot for General Cultivation

1396—The preference given White Vosges by the French, likewise their Eastern Canadian cousins on account of its heavy cropping record, is unquestionably the reason this carrot is so generally grown in the West. This, combined with its splendid feeding qualities makes it a leading variety for stock. Smooth, white, crisp, very rich in protein. The roots are clean, well-shaped and solid. Is a fine keeper. Greatly relished by all stock. We ask our customers to give this variety a trial alongside of any other carrot and note its remarkable characteristics. (See illustration above.) Oz. **20c**, 1/4 lb. **50c**, 1/2 lb. **85c**, 1 lb. **\$1.60**. Postpaid.

Long White Belgian

1397—White Belgian has long been the leading Carrot in its native country and is used exclusively for stock feeding. Smooth, blunt, heavy root of a sweet palatable appetizing flavor; grows exposed fully one-third out of the ground, hence easily harvested. It is the largest white carrot and produces an immense quantity of large nutritious roots 3 to 4 inches in diameter. Very free grower and thrives on all soils; but the feeding qualities are scarcely equal to that of the red sorts. (See illustration.) Oz. **20c**, 1/4 lb. **60c**, 1/2 lb. **\$1.10**, 1 lb. **\$2.00**. Postpaid.

Long Orange Belgian

1398—Similar to white Belgian in almost every way excepting color. A very large heavy cropping variety and good value and well worth growing for stock. Oz. **20c**, 1/4 lb. **70c**, 1/2 lb. **\$1.30**, 1 lb. **\$2.50**. Postpaid.

Long Red Surrey

1399—Many farmers prefer to grow a yellow carrot on account of its better eating qualities. While it is admitted that white carrots are the heaviest yielding it is recognized that for eating purposes the orange carrots are in favour. Long Red is a yellow carrot developed to large size for stock feeding. It is a heavy yielder, fine length, thick crown, very little core, smooth, clean, sweet, tender, crisp and mellow.

Oz. **25c**, 1/4 lb. **85c**, 1/2 lb. **\$1.60**, 1 lb. **\$3.00**. Postpaid.

Cooper's

Yellow Intermediate

1395—A very large rich stock carrot. It is a type of remarkable productiveness; It is very juicy and sweet, fine uniform size, solid and well shaped, clean-rooted, fine appearance and orange in color. A vast improvement on the white and orange Belgian sorts which have been such favorites in the past, not only in productiveness and ease of harvesting, but in its high feeding properties.

Oz. **20c**, 1/4 lb. **65c**, 1/2 lb. **\$1.20**, 1 lb. **\$2.30**. Postpaid.



Long White Belgian

Carrots from McKenzie Seeds produce an unusual weight per acre.

Swede Turnip (Rutabaga)

Rutabagas are largely grown for table use as well as for stock feed. The demand for good quality roots is increasing and the supply frequently falls short. Every farmer should grow Rutabagas if he desires to secure best feeding results. They afford that change of diet so essential to all stock. The varieties offered below are such as will bring the best returns as they have been specially selected for the purpose. There are many other sorts in use; but we firmly believe these listed will meet the requirements of all. Turnips have a flavor so distinct from Mangels, Carrots and Beets, as to render their use practically a necessity. Sow 2 to 3 lbs. per acre. We would like to see root crops more generally grown in Western Canada, for we are confident they have only to be better known to be more fully appreciated.

McKenzie's

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.

North Western

As Good As Ever

Still the Leading Purple Top Variety

1468—After many years' careful selection we placed this fine stock on the market when it immediately jumped into popularity and it



has retained its prominent position ever since. The secret of its exceptionally fine quality is explained in the one word "selection" and it combines all the important virtues necessary for complete satisfaction to the user, viz.:

- (1) Short Neck, (2) Short Top,
- (3) Firmness, (4) Sweet Flavor,
- (5) Productiveness, (6) Long Keeping, (7) Of High Feeding Value.

We strongly recommend all to include it in their order for Swede Turnips. It can also be used for the table as its cooking qualities are excellent. $\frac{1}{4}$ lb. **50c.**, $\frac{1}{2}$ lb. **90c.**, 1 lb. **\$1.65.** Postpaid,



McKenzie's North Western

Bangholm

McKenzie's Selected

1470—This old favorite is still as popular as ever and deservedly so. It has been one of the leading standard varieties for many years.

It is a variety that has been and is to-day one of the old reliable favorites with stock men. It has behind it a history of big crops. Year in, year out, it has proved its fitness as a general crop Swede.

Very large in size yet almost free from side roots. Skin is yellow with purple top. Flesh is a nice, yellowish color, fine in texture, firm, solid, and mild in flavor. Like most varieties, it is not only valuable for stock feeding, but is excellent for table use.

(See illustration.)

$\frac{1}{4}$ lb. **40c.**
 $\frac{1}{2}$ lb. **70c.**
 1 lb. **\$1.30.**
 Postpaid.

Monarch or Elephant

1474—Sometimes referred to as "Elephant or Jumbo." A distinct variety of the highest merit. It is of oblong shape, standing well above the ground and of a rich plum color. A field of this Swede has a magnificent appearance and the weight of crop it produces is very great. Ever since its introduction this Swede has been increasing in popularity and its heavy cropping and general good qualities entitle it to rank as one of the best varieties grown, particularly for early use.

$\frac{1}{4}$ lb. **40c.**, $\frac{1}{2}$ lb. **75c.**, 1 lb. **\$1.40.** Postpaid.



PHOTOGRAPHED BY
A. E. McKENZIE
CO., LTD.

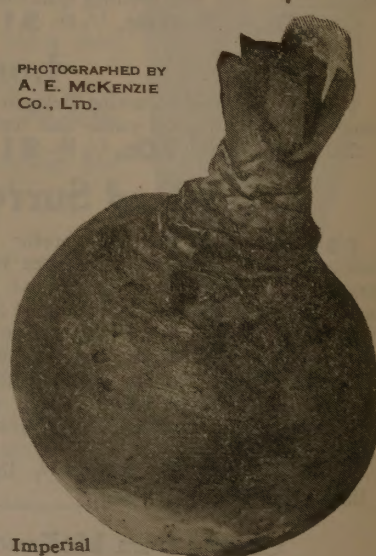
Bangholm

Imperial

One of the best known Swedes

1469—Prominent enthusiasts of farm economy, invariably mention Imperial as the Swede Turnip to include in the root crop. It is highly prized for its enormous yield; this is especially true throughout the West where Swedes succeed so well. The quality is exceptionally fine and sugary, intensely fattening and nourishing; relished by stock. Fine-grained, solid, flesh yellow, mild flavor and an excellent keeper. Its round shape and exposed growing habit render the harvesting very easy. Its table quality is the highest.

$\frac{1}{4}$ lb. **40c.**, $\frac{1}{2}$ lb. **75c.**, 1 lb. **\$1.40.** Postpaid.



PHOTOGRAPHED BY
A. E. McKENZIE
CO., LTD.

Imperial

Kangaroo

1476—Noted for its heavy yielding and general good quality. In shape similar to Monarch, but grows a bronze-green top. It is highly spoken of as being particularly suitable for the Prairie Provinces. Well worth a trial. A standard variety, sure to please.

$\frac{1}{4}$ lb. **40c.**, $\frac{1}{2}$ lb. **75c.**, 1 lb. **\$1.40.** Postpaid.

About Pedigreed Root Seeds

The primary considerations when growing root crops are abundance of weight and highest feeding quality. Seeds which produce these two requisites are the cheapest no matter what price is paid for them. Good roots cannot be produced from poor stocks of seeds. Rutabaga, Turnip and Mangel seeds saved from pedigreed and hand selected stocks yield results that repay the farmer many times over the slight increased outlay which these stocks necessarily cost. We urge every stockman to mail his orders promptly after receipt of this catalog as our pedigreed strains cannot readily be replenished when once exhausted. **ORDER EARLY.**

The truest economy is to consider the quality first and the price afterwards.

Swede Turnip

Universal

A Meritorious Swede Turnip of the Highest Quality

1473—It has become so popular that its name (happily chosen) is likely to be fully realized and maintained. It is known and grown in almost every country. In some districts it is known as Canadian Gem or Century. Its chief merits are:—(1) Ability to withstand extremes of temperature. (2) Great resistant powers against mildew. (3) Produces large, clean, shapely roots of uniform size. (4) Excellent feeding quality. (5) Easily harvested. (6) Highly relished by stock of all kinds. An excellent and serviceable variety. (See illustration.) $\frac{1}{4}$ lb. **50c**, $\frac{1}{2}$ lb. **90c**, 1 lb. **\$1.65**. Postpaid.

McKenzie's Superlative

The Dairymen's Favorite

1472—It is a very heavy cropper. One of the most hardy and disease-resisting sorts in cultivation. Grows freely in all kinds of soils. Of mild flavor, firm flesh and robust growing habit. Very rich in sugar and a long keeper. Of the purple top variety it has much the same habit of growth but more oval in shape than McKenzie's Northwestern. In color it is a rich yellow with the genuine Rutabaga flesh. A selection that is very hard to beat and specially valuable to the dairy farmer. (See illustration.) $\frac{1}{4}$ lb. **50c**, $\frac{1}{2}$ lb. **90c**, 1 lb. **\$1.65**. Postpaid.



Breadstone Green Top

A Great Canadian Favorite

1471—Breadstone is hard to beat for western cultivation. In the first place it is a variety different from any other type; then again its robustness makes it peculiarly suitable to our Western country. It is an excellent Swede for table use, which alone is a weighty consideration to busy farmers who can ill afford the time to plant the garden sorts; added to this is another distinctive feature—its long keeping qualities for which it is known and appreciated everywhere. The roots are strikingly attractive, possess very little neck, the flesh is white, solid, delicious and mild flavor. As a cropper it can always be depended upon to produce large and profitable yields.

$\frac{1}{4}$ lb. **45c**, $\frac{1}{2}$ lb. **80c**, 1 lb. **\$1.50**. Postpaid.

Other Varieties

1475—HALL'S WESTBURY. Genuine stock, quite distinct and hard to excel.
1480—WHITE SWEDE. White flesh; good for table use.
1481—CHAMPION. An improved stock, purple top. In great demand

	Postpaid.		
	$\frac{1}{4}$ lb.	$\frac{1}{2}$ lb.	1 lb.
	.40	.75	1.40
	.40	.70	1.30
	.40	.70	1.30

Fall Turnip

We strongly recommend farmers to increase their sowings of turnips, as we are sure the crop will prove remunerative for feeding stock and in addition valuable for table use. Fall turnips develop more rapidly than Swedes. Nothing better in the world to turn hogs, cattle and sheep into. Being softer, however, than Swedes, they are not recommended for keeping until late winter feeding.

Purple Top Yellow Aberdeen

A Scottish Introduction of Great Merit

1499—A round, medium-sized, long keeping, late maturing, yellow fleshed turnip, with yellow roots and purple top. Very tender and sweet. It is hardy, productive and valuable for all kinds of stock. As it takes longer to mature than the white fleshed types the seed should be sown ten to fourteen days earlier than most sorts. Highly recommended. (See illustration.)

$\frac{1}{4}$ lb. **40c**, $\frac{1}{2}$ lb. **70c**, 1 lb. **\$1.30**. Postpaid.

Purple Top Mammoth or Greystone

An English Favorite

1498—Produces a greater weight per acre in a given time than any other white turnip. A reliable cropper, valuable for fall feeding. The roots are of a large globular shape, white skin with purple top. The foliage is heavy and cut. Flesh white, firm texture, mild flavor, sweet and superb quality. Matures quickly and suitable for late sowings. $\frac{1}{4}$ lb. **40c**, $\frac{1}{2}$ lb. **70c**, 1 lb. **\$1.30**. Postpaid.

Other Varieties

1500—GREEN-TOP YELLOW ABERDEEN. Differs from the purple-top in color only.
1501—SELECTED WHITE GLOBE. Grows large in rich soils.
1502—COWHORN OR WHITE TANKARD. Of distinct carrot-like form, somewhat crooked, growing nearly half out of the ground. Rapid growth, good yielder and well flavored.

	Postpaid.		
	$\frac{1}{4}$ lb.	$\frac{1}{2}$ lb.	1 lb.
	.40	.70	1.30
	.40	.70	1.30
	.75	1.35	2.50

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



Universal

Time to Sow

MANGELS—sow as soon as the ground can be conveniently worked in the spring.

TURNIPS—may be sown comparatively late; two to three weeks after mangels.

CARROTS—sow about the same time or a little later than mangels.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



McKenzie's Superlative



PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

Purple Top

Yellow Aberdeen

The sowing of cheap seed is the most expensive policy a farmer can adopt.

Seed

Potatoes

Attention

The value and importance of Potatoes as a money crop is not sufficiently appreciated. It is recommended that only the best standard varieties be grown—those that are known to be suitable to your soil and are in demand in your locality. Our aim is to cater with this in view as far as circumstances and crop conditions permit.



Pointers

1. The potato is used as food by more people than any other food product.
2. The acreage devoted to potato growing in Western Canada is steadily increasing.
3. Where soil moisture is limited, more potatoes per acre can be produced on summer-fallow than on land prepared in any other way.
4. Potatoes may be used as a cleaning crop on weedy land.
5. Land for potatoes should be deeply plowed.
6. From May 15th to June 1st is a fair range of planting dates.
7. Larger yield may be grown in drills than in hills.
8. Plants should be hilled when in bloom.

Early Ohio

First Early Varieties

Early Ohio

One of the Most Popular Early Potatoes Grown

1573—Notwithstanding the tendency to hybridize and the introduction of new varieties, this sterling stock holds its own most tenaciously. In fact, we believe it is generally admitted to be the earliest, handsomest, and best potato of its type on the market. That it is in the front rank in the potato world is evidenced by the fact that it is the only variety listed in Stock Quotations. It is deservedly one of the most popular. The vines grow erect, very easy to cultivate, mature early, do well on any soil suitable for potatoes. Tubers grow compact in the hill, are easily dug—nice large uniform size with very smooth surface of soft pinkish color. Flesh is pure white, mealy and fine-grained; cooks dry and floury. Superb table quality. (See illustration.)

1 lb.	4 lbs. postpaid	1 peck (15 lbs.)	1/2 bush.	1 bush.	90 lbs.	5 bush.	
30c	90c	75c	\$1.25	\$2.25	\$3.45	\$10.75	Bags 15 cents extra.

McKenzie's Selected Bovee

Highly Recommended

1575—In competitive trials this well-known variety has proved its large yielding properties. It gives bumper crops, quite equal to any in the early section and is a general favorite with Market Gardeners. It is unquestionably one of the heaviest yielders of any of the very early varieties, and has maintained its high character and popularity notwithstanding the numerous "novelties" and wonderful potato creations continually being introduced.

Pink Skin—White Flesh

The compact habit of the vines and tubers in growth permits of planting six inches closer than most early sorts.

Oval Shape—Fine Even Size

Of high table quality—floury and palatable.

1 lb.	4 lbs. postpaid	1 peck (15 lbs.)	1/2 bush.
30c	90c	75c	\$1.25
bush.	90 lbs.	5 bush.	Bags 15 cents extra.
\$2.25	\$3.45	\$10.75	

Irish Cobbler

Demand Has Always Exceeded Supply

1572—We recommend Irish Cobbler to those who grow for early market. As a week in midsummer frequently makes a difference of many dollars to the grower.

The cream-white color of Irish Cobbler, its earliness, large netted tubers, immense productiveness, even shape, uniform size, excellent cooking qualities, snowy white flesh and fine flavor have made it one of the most popular potatoes in the Canadian West to-day.

The Central Experiment Station at Ottawa commend it very highly for general culture.

No praise is too high for Irish Cobbler as an early variety and for table use.

The eyes are strong and well developed but very slightly dented.

1 lb.	4 lbs. postpaid	1 peck (15 lbs.)	1/2 bush.
30c	90c	75c	\$1.25
1 bush.	90 lbs.	5 bush.	Bags 15 cents extra.
\$2.25	\$3.45	\$10.75	

Second Early and Main Crop Varieties

Common Sense

1568—"The proof of the pudding is in the eating" and this excellent second early variety undoubtedly proves up to all claims made for it. Of very robust habit with tubers growing quite a distance from the bottom of the plant and on an average 6 to 12 inches out from the plant. Remarkable for its freedom from disease, and we have yet to learn of indication of scab. Grows to a large size, of shapely appearance and has very shallow eyes which contributes to an ideal market variety. Oblong flat shape, pure white color and cooks dry and mealy.

One of our customers who has grown "Common Sense" for several years claims it is the best potato for yield and general good quality he has ever planted.

1 lb.	4 lbs. postpaid	1 peck (15 lbs.)	1/2 bush.	1 bush.	bags 15 cents extra.
35c	\$1.05	\$1.00	\$1.65	\$3.00	

When the Potato Bug Comes—How You Can Save Your Garden

The most dangerous and the most common insect enemy of the potato is the well-known "potato bug." It appears soon after the potatoes are above ground. The trouble is that the females lay large quantities of eggs on the under side of the leaves and these eggs hatch out in a few days after they are deposited. The young bugs, or larvae, have limitless appetites, and will in a few days devour all the foliage of a potato plant and leave only the bare stems.

In a very small potato patch it may be practicable to eliminate the potato beetle by making frequent examinations of each plant, and picking off by hand and destroying each beetle before it has laid its eggs. For the most part, however, it is more practicable to spray the potato plants. A spray of "Bug Death for Potatoes" should be used as soon as any bugs are discovered. This preparation is very efficacious and will kill the insect as soon as it has eaten any foliage on which the spray has fallen. Paris green sometimes burns the foliage. Use "Bug Death" as frequently as seems necessary to keep down the bugs. Prices and further particulars on page 86.

Prices on Potatoes are f.o.b. Brandon except quantities listed postpaid.

Seed Potatoes

Second Early and Main Crop Varieties---continued

Prairie Flower

A Dependable Crop---Aptly Named

1574—This is a variety grown extensively in Alberta and known as "Prairie Flower." It is quite possible this may not be the proper name, but as a variety it has succeeded so well this year when some other good varieties failed, that we feel justified in offering a substantial quantity in this season's catalog.

If farmers in each district would confine their growing to one or two types of the best sorts it would enable them to dispose of their potato crop at more profitable prices. "Prairie Flower" is one that should be chosen on account of its dependability to produce uniformly good yields of tubers that will command a ready market.

Of flat oval shape it certainly is a handsome potato that will commend itself to every gardener and farmer. Another feature decidedly in its favor is the noticeably shallow eyes, which is always an indication of uniform and careful selection when raising the original stock.

The combined whiteness of both skin and flesh goes to make "Prairie Flower" worthy of consideration when making up your order this season. If planted the third week in May tubers are ready for use the end of July.

Its cropping qualities are unquestionable—the yields it produces are quite exceptional. For cooking and general table use it is unrivalled. They cook up dry and floury. They are excellent keepers.

1 lb.	4 lbs. postpaid	Peck (15 lbs.)	1/2 bush.
30c	90c	75c	\$1.25
1 bush.	90 lbs.	5 bush. for	Bags
\$2.25	\$3.45	\$10.75	15c. extra

Wee MacGregor

A Beautiful Potato---The Finest Grained and Whitest Grown

1570—A Manitoba introduction, therefore of exceptional interest. By sheer merit this grand variety has become one of the leading and most popular main crop sorts of the day. Everybody knows "Wee Mac."

We strongly recommend every planter to include a liberal acreage. The skin is unusually attractive, being of creamy buff. Shape oval and grows noticeably uniform which is one of its special points. Flesh pearly white and very fine-grained. Cooks dry and floury. Of distinctly palatable flavor. A good keeper.

There are many other sorts we could offer to our customers; but in keeping with our general policy we prefer to confine our attentions to a select few that we can confidently recommend rather than list a number of ordinary merit. Buy this Stock. It will please you as it has done others.

1 lb.	4 lbs. postpaid	Peck (15 lbs.)	1/2 bush.	bush.	90 lbs.	5 bush for	Bags 15
30c	90c	75c	\$1.25	\$2.25	\$3.45	\$10.75	cents extra.

Seed Potato Eyes by Mail

We have been sending out Potato Eyes by mail for the past few years and there is no doubt that this method is very popular on account of the convenience and promptitude with which supplies can be obtained. For those who are located at remote sections it is particularly suitable.

While there are many advantages connected with ordering Potato Eyes by mail which cannot be overlooked (and we append some of them here) we think it desirable to mention that we recommend planting the whole Seed Potatoes in preference to the Eyes wherever possible.

The advantages of procuring new potato seed by mail cut to eyes, are:—

- 1st—Packed in neat packages, ready for use, they are delivered at your Post Office at a price which, in most cases, is less than the transportation charges would be if purchased in bulk.
- 2nd—No freight or express charges to pay.
- 3rd—Practically no danger from freezing.
- 4th—Enables you, at a small expense, to try out and secure new seed stock to suit your fancy.
- 5th—Potatoes cut to eyes is a recognized method of planting, and give good results and large yields.

6th—It enables customers at remote sections to get a hurried and inexpensive delivery.

7th—We guarantee safe arrival in good condition for growing.

1577—100 Eyes, **\$1.25**, postpaid. 25 each of any four varieties.

Any one variety of Eyes **50c** per 25 eyes. Postpaid.

Prices Quoted Per Bag Indicate 1 1/2 bush. or 90 lbs.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



Wee MacGregor

IMPORTANT NOTICE

It has always been our policy to provide sample stocks of recognized standard varieties, but as it is impossible to foresee in advance of planting season what the demand will be, it sometimes happens stocks become exhausted earlier than we anticipated. Further, crops vary considerably from time to time in regard to quantity and quality, which also increases the difficulty of providing suitable seed of a particular variety.

For this reason we respectfully request our customers to give a second or even a third choice when ordering potatoes. We assure that in so doing each and every variety "preferred" will be shipped if unsold.

We wish it understood that in the event of our being sold out on the particular variety ordered we will substitute the nearest similar variety, unless specific instructions to the contrary accompany the order, in which event money will be cheerfully refunded.

All orders for potatoes are filled in strict rotation received.



DUPLEX RAPE-KALE

There is no other fodder plant which yields such a combination of succulent feed as Duplex Rape-Kale. Try it.

McKenzie's "Duplex Rape-Kale" The New Fodder Plant

614—We introduced this new plant for the first time last season and it has undoubtedly substantiated all the claims we made for it (see testimonials on this page.) One of the most valuable fodder plants ever offered. We urge every farmer and stock raiser to try it out this season. It is certain to be a favorite once its merits become known to Canadian agriculturists. In European and other countries where it has been grown extensively it is spoken of very highly on account of its rapid and vigorous growth and highly nutritious feeding properties.

It belongs to the Kale family and is perfectly hardy. There are two special features which make this fodder plant so valuable:

- (1) Its great weight of leaves.
- (2) Its abundant feeding qualities at a time when there is a general shortage of green food as it withstands drought remarkably well.

Cattle consume it with avidity, some of them turning from Mangels and Beet in preference. As a milk producer it is unsurpassed and does not give any objectionable taste to the milk like some fodder plants.

The stem, which is thickened, contains the "marrow" or flesh and bears

PHOTOGRAPHED BY
A. E. McKENZIE
CO., LTD.



McKenzie's "Duplex" Rape-Kale

leaves from bottom to top ending in a large branching head like Rape. The marrow is softer than a turnip. By reason of its elongated stem this new plant can be grown close in the rows. Perhaps the most valuable point for consideration by the farmer is the enormous yield per acre. It is practically immune from disease. Grows about four feet high. Sow at the rate of 2 lbs. per acre in drills about 24 inches apart, leaving from 9 to 12 inches between each plant. (See illustration.)

HOSPITAL FOR INSANE Brandon, Man.

October 1st

A. E. McKenzie Co., Ltd.
Gentlemen,

Last Spring I purchased some seeds from your firm, among which was a half pound of Duplex Kale seed and would like you to know the success which I had with same. I sowed the Kale seed about the 20th of May in drills about 28 inches apart, and thinned out seedlings 15 to 18 inches apart, in rows, and the crop was most satisfactory, the yield being over 5 tons. This Kale grew with us to a height of from three to five feet; the leaves being large and smooth, or but slightly curled, and was greatly relished by our Dairy Cows and Hogs. I wish to have a larger supply of Kale next season. Thanking you for introducing it.

Yours truly,

A. C. McPHAIL,
Farm Superintendent.

Copy of letter from

DOMINION EXPERIMENTAL FARMS
Indian Head, Sask.

September 25, 1917

The A. E. McKenzie Seed Co. Ltd.
Brandon, Man.

Dear Sirs,

I beg to acknowledge your letter of recent date with reference to the sample of Duplex Rape-Kale which you sent us last Spring.

We planted a small plot, 1-80 acre in size. This plot produced 370 pounds, or the equivalent of 14 tons and 1600 pounds green weight per acre.

We have not grown forage crops to any extent at this farm. However, I might say that this variety of Rape-Kale shows excellent promise as a pasture for hogs.

Yours very truly,

(Signed) W. H. GIBSON,
Superintendent.

WHG-GJ

Every Stock Raiser should grow this

1 lb.	4 lbs.	10 lbs.
	Postpaid	or more
\$1.55	\$6.00	\$1.35 per lb.
		Purchaser pays freight

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



Thousand Headed Kale

Thousand-Headed Kale

Will Thrive on Almost Any Soil

613—Thousand-Headed Kale is a forage plant of rapid growth throughout the Canadian West. It is highly relished by cows and sheep.

The stems are covered with an abundance of branching, broad leaves which are very productive and eagerly eaten. Very similar to rape in appearance but grows much taller. The seed should be sown in the spring in drills 30 inches apart, and the plants thinned out to a distance of 24 inches from each other. As a pasture crop for milch cows, cattle, swine and sheep it has no superior. A good crop will furnish twelve to fifteen tons per acre of green food and its nutritive value is almost twice that of clover per acre. It has proven a great boon to our Prairie West on account of its ability to resist frost.

1 lb. **85c.** 4 lbs. **\$3.30**, Postpaid; 10 lbs. **\$7.00**, 25 lbs. **\$17.00**.
Purchaser pays freight.

Better than others

I have great success with your seeds. From turnips to sweet peas everything looks good and all the seeds came up. Last I used ----- seeds and half of my garden crop was a failure, and for seven long years I have tried to raise some cucumber and this is the only time I succeeded, with A. E. McKenzie seeds.

Sept. 5, 1917

Mrs. Marie Kammer, Copeland, Sask.

Every Stockman will profit by growing these forage plants

Fodder Plants

CAUTION

When buying your seed be sure it is the genuine Dwarf Essex variety, there are other kinds being offered the public. The Rape Seed we offer is true imported stock.

Rape (Dwarf Essex)

1450—Rape is much like Swede Turnip (Rutabaga) in appearance, but the root is more like that of Cabbage. Until recent years rape has been grown almost exclusively to provide pasture for sheep; but it is gradually being proved equally good for all kinds of stock.

The Cheapest and Best of Feed

Rape is a crop that produces abundance of feed even when grown as a supplementary crop. Hogs and sheep are especially fond of it and some extraordinary yields have resulted by pasturing sheep and hogs on rape. If the growing of rape for sheep, cattle and hogs is highly profitable to raisers of thoroughbred stock, large ranchers and dairymen, does it not seem reasonable to suppose that it would be relatively so to any farmer? Breeders of fancy stock are never without a field of rape. Some ranchers sow up to 1,000 lbs. of rape each year. As a pasture crop for cattle, sheep, hogs or poultry it has no superior, adding flesh to the stock, quickly making them plump and solid.

One of the Easiest Crops to Grow

We believe the only reason why this valuable forage crop is not more extensively grown is because many do not know how to grow it. Rape is one of the easiest crops to handle. It may be sown in drills at the rate of 2 to 3 lbs. per acre or broadcast 4 to 6 lbs. per acre. Will grow in any soil and almost any climate. Rape and oats sown together in the Spring have produced very heavy yields.

Why You Should Grow Rape

1. Rape is one of the most valuable pasture crops.
2. Rape is very high in protein.
3. Rape produces the maximum amount of green feed at the minimum outlay for seed.
4. Rape is a palatable and nutritious food for all kinds of stock.
5. Rape will endure quite severe weather.
6. Rape does not taint the milk of dairy cattle.

If sown early on well prepared land it is most excellent for hogs. Sown with grain gives feed for all kinds of stock in the late fall. Sown with peas, oats or clover will provide pasture. Is useful as a cover in the orchard. Will provide good pasture if sown with rye in August. To plow under as a green crop adding humus to the soil. We especially recommend that instead of allowing the summer fallow to stand idle that you sow rape, as it gives pasture and very choicest feed until snow falls, and the heavy vegetation and natural fall fertilizes the land, thereby obtaining treble results: 1st, feed for the stock; 2nd, enrichment of the land; 3rd, increased crops the following season. Considering that one acre of rape will furnish pasture for ten to twenty hogs for two months, supplying at least twelve tons of green feed, it is impossible to secure cheaper feed or make a better investment. Sow only the Dwarf Essex variety.

1 lb.
35c

4 lbs. Postpaid
\$1.30

10 lbs. or more
23c per lb.

Purchaser pays freight

25 lbs. or more
22c per lb.

100 lbs. or more
21c per lb.



Growing Rape on an Alberta Farm

Rape will usually
be of greatest
use if sown
about the
last of May
to be ready
about the
middle of
July

A later seeding
to come
on after this
crop has
been pastured
off will also
be valuable

To have other than the best, when the best is to be had, is the wisdom of the unwise.

MCKENZIE'S



SELECTED

BUYERS OF LARGE LOTS

Buyers desiring to purchase general stock seed of Marquis, well cleaned, whether in carload quantities or in lesser quantities should consult "Supplement" in front of this catalog.

Marquis

The Universally Popular Variety

Every farmer knows and grows Marquis. On account of its extreme earliness, heavy yield and excellent milling qualities it is generally acknowledged as the leading variety throughout the Canadian West. Its origin is now so well known that no comment need be made here.

Breeding Will Tell

In the animal kingdom there is a natural tendency to revert or deteriorate in stamina and fertility unless the maximum of development is maintained by continued scientific breeding. Enormous prices have been paid by breeders of animals for the best parents and such investments based upon results have invariably proved exceedingly profitable. Applied to plant life it produces the same results. The adage "Like begets like" cannot be better exemplified than in the results obtained from sowing Seed Grain. Poor seed means poor crops and although a good average crop may be obtained from ordinary Seed Stock it is a certainty that record yields and prize-winning quality Grain has never yet been produced from Seed which had not been carefully selected or was not of "Pedigree" Strain. The moral is obvious.

Our advice is, Sow only the Best Seed. Carry on the "Survival of the Fittest" from year to year.

Marquis: McKenzie's Gold Standard

3185—On Sept. 1st last being a public holiday (Labor Day) a motor-load, comprising eight men from our warehouse and office, motored sixty miles and assisted our grower to stock an 80 acre field of McKenzie's Gold Standard Marquis. It was the rarest chance to see a bearded head in this field. It was seeded with hand selected seed and the crop truly showed breeding.

The kernels are bright amber, good uniform size considering the dry weather; a very pleasing sample.

You pay nothing for the name, all the value is in the seed.

This stock is put in new heavy cotton bags, each containing two bushels. Every bag is subjected to careful cleaning process and inspected before sealed with Gold Standard Seals.

1 bush.
\$3.35

10 bush. or more
\$3.30 per bushel

Cotton bags 45c. extra.

Marquis: Registered

3208—It is pretty generally known that stock which we offer as "Registered" whether Wheat or other grain, is seeded, grown and harvested according to the rules of the Canadian Seed Growers Association respecting Registered stocks. The same Association inspects the growing crop at harvest time, superintends cleaning, bagging, sealing and certifying each bag as registered.

For the convenience of our customers we offer this stock put up in three sizes. After the seed is bagged we do not break seals for odd quantities, other than as specified below—owing to the high price of cotton bags it pays customers to buy the larger quantity bags.

To enable farmers to interest their growing boys in looking after a wheat plot we are listing Registered and McKenzie's Marquis in quantities less than ten bushels.

1/2 bush.
\$2.00

1 bush.
\$3.80

2 bush.
\$3.75

10 bush. or more
\$3.70

Cotton bags 45c. extra.

Owing to fluctuating markets and earlier stocks frequently becoming exhausted, all prices, especially Cereals, Grasses and Clovers, are subject to change of price without notice.

See "Supplement" in front re special freight rates on Seed Grain

Estimated Quantities of Seed, Grains and Grasses Weighed into Bags and Sacks

For the benefit of our customers we submit hereunder a fairly accurate estimate of weights, as put up in bags, of respective varieties of Seed. This schedule will assist customers in making up their order and enable them to allow for the correct number of bags when ordering.

Customers will appreciate that stocks are filled in advance of selling seasons, making it impossible to alter quantities in bags later in the season.

Wheat	2 bus.	120 lbs.
Registered	2 "	120 "
"	2 "	120 "
"	2 "	120 "
Other Varieties	2 "	120 "
OATS: all varieties except "60 day"	3 "	102 "
" 60 day	2 1/2 "	85 "
Registered	2 "	100 "
Barley	2 1/2 bus.	120 lbs.
Rye	2 1/2 "	140 "
Flax	2 1/2 "	140 "
Corn	2 1/2 "	140 "
Peas	2 "	120 "
Speltz	2 "	100 "
Potatoes	1 1/2 bushels.	90 "
Brome	2 "	100 "
Western Rye Grass	2 "	100 "
Timothy	2 "	120 "
Alfalfa	2 "	160 "
Clovers	2 "	170 "
Millet	2 "	130 "

Stocks Listed in Supplement.

Oats in Jute Sacks	2 1/2 bush
Barley in Jute Sacks	2 "
Wheat in Jute Sacks	2 "

Cash Deposit

Recognizing the probability of some of our prospective customers being short of cash, we are prepared to reserve orders for seed grain on terms of a cash deposit. To those who are anxious to protect their requirements early before there is a shortage of seed, but find it inconvenient to provide sufficient cash to pay for same, we will accept orders accompanied by a cash deposit of one third of the total value of the order including bags, on the distinct understanding that balance is paid when the purchaser orders the shipment forward. All seeds so ordered will be immediately reserved, labelled and held without advance or alteration of the original purchase price or any extra charge whatever for interest, storage or fire insurance. We wish to make it clear that we do not undertake to hold any such orders later than March 27th, therefore balance of purchase price must be in our hands on or before that date.

Reduced and Corrected Prices

This catalogue was printed, bound and some copies mailed before it was discovered that the publishers had made an error, using the prices of our Western (Calgary) edition in our Eastern (Brandon) edition.

Page	Stock Number	Varieties	CORRECTED PRICES						
			Postpaid						
			1 lb.	4 lbs.	1 peck	$\frac{1}{2}$ bus.	1 bus.	90 lbs.	5 bus.
		POTATOES							
40	1573	Early Ohio.....	.30	.90	.85	1.40	2.50	3.70	12.00
40	1575	McKenzie's Selected Bovee.....	.30	.90	.85	1.40	2.50	3.70	12.00
40	1572	Irish Cobbler.....	.30	.90	.85	1.40	2.50	3.70	12.00
41	1574	Prairie Flower.....	.30	.90	.85	1.40	2.50	3.70	12.00
41	1570	Wee MacGregor.....	.30	.90	.85	1.40	2.50	3.70	12.00
		WHEAT	lb.	$\frac{1}{2}$ bus.	1 bus.	2 bus.	10 bus. or more		
44	3185	Marquis — McKenzie's Gold Standard.....	....	....	3.55	....	3.10		
44	3208	Marquis—Registered.....	....	1.85	3.65	3.60	3.55		
45	3189	Red Fife—Early Red.....	....	....	3.65	....	3.60		
45	3202	Red Fife—Common.....	....	....	3.15	....	3.10		
45	3204	Red Fife—Registered.....	(Sold out)	....	....	....	....		
45	3190	Kitchener—Gold Standard.....	....	3.20	6.25	....	6.10		
45	3191	Kitchener—Registered.....	(Sold out)	....	....	....	....		
45	3188	Taylor's Wonder.....	....	2.75	5.25	....	....		
45	3201	Prelude.....	....	....	3.95	....	3.90		
45	3206	Fall or Winter.....	....	....	3.70	....	3.65		
45	3180	Macaroni.....	....	....	3.85	....	3.80		
		FLAX							
46	3266	Common or Russian.....	....	2.30	4.20	....	4.15		
46	3265	Primost.....	....	2.60	4.75	....	4.70		
46	3264	Golden.....	.35	2.85	5.50	....	5.45		
46	3289	North Dakota No. 73.....	.35	2.55	4.85	....	4.80		
46	3290	North Dakota No 52.....	.35	2.55	4.85	....	4.80		
46	3288	North Dakota No. 114.....	.35	2.55	4.85	....	4.80		
		BARLEY							
47	3296	O. A. C. No. 21.....	....	....	2.10	....	2.05		
47	3262	Mensury.....	....	....	2.00	....	1.95		
47	3268	Manchurian No. 871.....	....	....	2.10	....	2.05		
47	3269	Minnesota No 105.....	....	....	2.10	....	2.05		
47	3263	White Hulless.....	2.20 per 50 lbs.				....	....	
		OATS	1 lb.	5 lbs.	$\frac{1}{2}$ bus.	1 bus.	10 bus. or more		
48	3212	Banner—McKenzie's Special Strain.....	....	....	....	1.55	1.50		
48	3213	Banner—Registered.....	....	....	....	per 100 lbs.	4.70		
48	3219	Victory—Registered.....	....	....	....	per 100 lbs.	4.75		
49	3215	Sixty Day or July.....	....	....	....	1.50	1.45		
49	3293	Garton's No. 22.....	....	....	....	1.35	1.30		
49	3292	Seeger or Victory.....	No change.				....	....	
49	3214	Newmarket.....	....	....	....	1.35	1.30		
49	3217	Abundance.....	....	....	....	1.35	1.30		
50	3218	SPRING RYE.....	....	....	1.45	2.70	2.65		
50	3219	WINTER RYE.....	....	....	1.50	2.80	2.75		
			Postpaid						
			1 lb.	5 lbs.	50 lbs.	100 lbs.			
51	3209	SPELTZ	.25	.85	2.35	4.65			

Sacks for Potatoes 15c.

Cotton Bags for Grains 45c each.

Reduced and Corrected Prices

Page	Stock Number	Varieties	CORRECTED PRICES.					
			Postpaid					
			1 lb.	5 lbs.	15 lbs.	$\frac{1}{2}$ bus.	1 bus.	
		PEAS—FIELD						
51	3225	Golden Vine.....	.40	1.35	1.75	3.35	6.50	
51	3226	Canadian Field.....	.35	1.25	1.60	3.10	6.00	
51	3227	Canadian Beauty.....	.40	1.40	1.80	3.45	6.75	
51	1018	Black Eye Marrowfat.....	.40	1.40	1.80	3.45	6.75	
51	1019	White Marrowfat.....	.40	1.40	1.80	3.45	6.75	
51	3285	SPRING TARES—VETCHES	.30	1.20	1.40	2.70	5.10	
51	3286	WINTER VETCH	.45	1.85	3.90	7.60	15.00	
51	3210	BUCKWHEAT—JAPANESE	.25	.75	1.00	1.85	3.25	
			Postpaid					
			1 lb.	5 lbs.	1 peck	$\frac{1}{2}$ bus.	1 bus.	5 bus. or more
		CORN—FIELD						
52	3303	McKenzie's Earliest White Dent..	.35	1.00	1.45	2.75	5.25	5.20
53	3300	Northwestern Dent.....	.35	1.00	1.50	2.85	5.50	5.45
53	3304	Improved Leaming.....	.35	1.00	1.25	2.35	4.50	4.45
53	3302	McKenzie's Earliest.....	.35	1.00	1.45	2.75	5.25	5.20
53	3224	Minnesota No. 13.....	.35	1.00	1.40	2.60	5.00	4.95
54	3221	Longfellow.....	.35	1.00	1.40	2.60	5.00	4.95
54	3305	Quebec No. 28.....	.35	1.00	1.65	3.10	6.00	
54	3222	North Dakota.....	.35	1.00	1.45	2.75	5.25	5.20
			Postpaid					
			1 lb.	25 lbs.	50 lbs.	100 lbs.		
55	3232	MILLET						
		Common.....	.30	1.85	3.50	6.75		
55	3233	Japanese.....	.35	2.20	4.10	8.00		
55	3235	Hog.....	.30	2.00	3.85	7.50		
55	3231	Golden.....	.30	1.95	3.60	7.00		
55	3234	Siberian.....	.30	1.95	3.60	7.00		
			Postpaid					
			1 lb.	5 lbs.	25 lbs.	50 lbs.	100 lbs.	
55	3280	SUDAN GRASS	.60	2.00	7.75	15.25	30.00	
			Postpaid					
			1 lb.		25 lb.	50 lbs.	100 lbs.	
56	3245	WESTERN RYE	.35		4.75	9.25	18.00	
56	3246	Gold Standard.....			4.55	8.75	17.00	
		Gilt Edge.....						
56	3247	BROME	.40		5.75	11.25	22.00	
56	3282	Gold Standard.....						
		BROME AND WESTERN RYE	.35		5.60	10.25	20.00	
		MIXED.....						
56	3243	TIMOTHY	.35		3.50	6.75	13.00	
56	3244	Gold Standard.....			3.00	5.75	11.00	
57	3249	Gilt Edge.....			8.75	17.00	35.00	
57	3251	KENTUCKY BLUE	.60		4.60	8.75	17.00	
57	3252	CANADIAN BLUE	.40		6.60	12.75	25.00	
		RED TOP	.55					
			Postpaid					
			1 lb.	10 lbs.	25 lbs.	50 lbs.	100 lbs.	
58	3253	ALFALFA	.55	3.55	8.75	16.75	33.00	
58	3323	Stock No. 3253.....	.55	3.95	9.50	18.25	36.00	
59	3255	Stock No. 3323.....	.55	3.95	9.25	18.25	36.00	
59	3257	Turkestan.....	.75	5.50	13.50	26.25	52.00	
59	3320	Grimm.....	.70	5.10	12.65	24.75	48.50	
59	3325	Liscomb.....	.65	4.75	11.50	22.75	45.00	
59	3321	Western Grown.....	No change					
60	3273	Cossack or Siberian.....	.60	3.90	9.35	18.25	36.00	
		SWEET CLOVER						
60	3259	CLOVER, COMMON RED	.60		10.60	20.75	41.00	
60	3260	Gold Standard.....			10.10	19.75	39.00	
60	3270	Gilt Edge.....	.60		10.25	20.25	40.00	
60	3261	CLOVER, MAMMOTH RED	No change					
		CLOVER, WHITE DUTCH						
			Postpaid					
			1 lb.					
60	3275	ALSIKE	.55		9.10	17.75	35.00	
60	3276	Gold Standard.....			8.85	17.25	34.00	
		Gilt Edge.....						

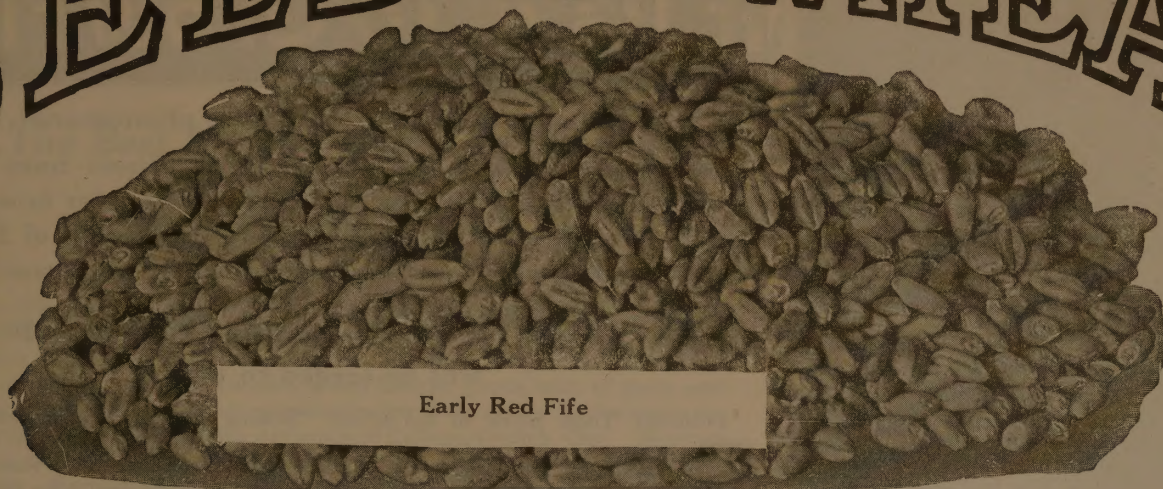
All Bags for Stocks as above, 45c each.

Prices subject to market fluctuations

SEED



WHEAT



Early Red Fife

Early Red Fife

It is only necessary to say that this particular strain was selected and developed by Dr. Saunders, Dominion Cerealists, to command the attention of all well informed Agriculturists. The whole civilized world today owes a debt of gratitude to this painstaking and eminently practical scientist for his invaluable contribution of Marquis Wheat, and there are some who claim that in Early Red Fife he has produced a type which in many districts supersedes Marquis. This strain undoubtedly represents the finest type of this time honoured wheat at present available for Western Canada. In the district where our stock was grown exceedingly dry weather was experienced, and frost occurred about the first of June: its effects were less noticeable on Early Red Fife than on any other variety and its yield was from 5 to 10 bushels per acre more than any other variety. So far as our experience is concerned, the original claims of the grower in regard to this strain are well maintained in the stock we are offering. Kernels of same shape but larger than old Red Fife, milling quality similar; from one week to ten days earlier. The head of Early Red Fife is well filled right to the top, does not taper off like the old variety; this feature naturally explains its higher yielding capabilities. If you are not altogether satisfied with Marquis we recommend you to give this a trial, it undoubtedly represents the best there is in this variety. Our stock is a very nice sample, plump and evenly developed kernels, and absolutely pure.

3189—EARLY RED FIFE, as described above.....	per bush. \$3.85	10 bush. or more. \$3.80
3202—RED FIFE, as commonly known.....	\$3.45	\$3.40
3204—RED FIFE. Registered.....	\$4.10	Cotton Bags 45c extra.

Kitchener

This variety, is said to be a selection from Marquis, introduced by the celebrated wheat grower, Seager Wheeler. Opinions vary in regard to this wheat, some well informed authorities report that their trials did not reveal any very great superiority over Marquis, others claim that it is the coming leader, and in a few years will occupy the place which Marquis does now. We have not tried it ourselves so cannot say anything in regard to its merits from actual experience. Recognizing our position as a source of information and encouragement in regard to the trying of new varieties on the one hand, and realizing that our customers also expect us to protect them against investing their cold cash in so called unworthy new varieties which are new in name only, we decided that Kitchener is worthy a fair trial, as we believe that after examining all the evidence both for and against that it is an advance, inasmuch as it is admitted that it stands up against adverse conditions, is not so readily destroyed by hail and is easier threshed than Marquis. The seed from which our stock was grown was obtained direct from the originator.

3190—Gold Standard.....	1/2 bus. \$3.25	1 bus. \$6.35	2 bush. or more. \$6.30
3191—Registered.....	\$3.90	\$7.50	

Taylor's Wonder

3188—We cannot give the actual origin of this wheat for the reason that its discovery ranks with what have often appeared to be accidental incidents, some of which have had far reaching influence. It was discovered growing in a field of ordinary wheat by an observant farmer whose name is prefixed to its title. He saved the seed, and all that there is in existence of this variety is the produce of that single plant. We want to see this variety tried out more before we make any prophecy regarding it. It stools out wonderfully, can be sown thinly, and has a much longer head than Marquis or Red Fife, consequently it is a heavier cropper. It was our intention at one time to recommend this wheat very highly, and push its sale vigorously, but the crop we were depending upon only graded No 4, and in consequence we decided we would be serving the best interests of our customers by simply advising them to try it out in a limited way. It belongs to the Durum type, and is rust proof and a great drought resister. A bald variety. Wheat of this type is not looked upon with favor by Canadian milling concerns, probably due to the fact that they are not equipped with the necessary machinery to properly handle as in the republic to the south of us where they are gaining in favour with milling companies. Milling tests of Taylor's Wonder made by reputable authorities in the States were most satisfactory. Price—**\$2.75** per 1/2 bush. **\$5.25** per bush.

Cotton Bags 45c extra.

Prelude

3201—This variety is gaining in popularity, in districts where we did not expect it would have obtained a foothold. Earliness is its leading characteristic, and for this reason it has always been recognized as a decided acquisition for the northern sections of our great west, where late and early frosts preclude the possibility of ever being able to grow Marquis or Red Fife. It was never claimed for it that it was a heavy cropper or even recommended for general cultivation, nevertheless there seems to have been a decided improvement along this line and surprising yields are reported during the past season. It is a bearded variety. Our stock is thoroughly re-cleaned, true to type and of high vitality.

1 bush. \$3.75	10 bush. or more \$3.70 per bush.
	Cotton Bags 45c extra.

Fall or Winter Wheat

Turkey or Alberta Red

3206—A few years ago this variety was exceedingly popular in many parts of Alberta, and it has also been tried out with varying success in parts of Manitoba and Saskatchewan. The trouble of course lies in its frequent winter killing. In districts where normally there is a heavy snowfall, and consequently less danger of this disaster, it is a fairly good proposition, as it ripens earlier.

Put up in new special heavy cotton bags, containing two bushels.

Price **\$3.55** per bush. 10 bush. or more **\$3.50** per bush. Cotton bags 45c extra.

Macaroni or Durum

3180—This type of wheat is gaining in popularity in the States, more rapidly than in the Dominion, possibly due to the fact that our mills are not equipped to handle. It possesses unusual drought resistant and rust resistant qualities, and is a very strong grower. It is a bald variety. We have a limited quantity of very fine seed stock.

1 bush. \$3.90	10 bush. or more \$3.85 per bush.
	Cotton Bags 45c extra.

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



It Pays To Grow Flax

Our sales of Flax in 1917 were phenomenal.

Never since the inception of our business have we experienced such a heavy and insistent demand for late sowing seeds, therefore our prediction that thousands of Farmers would seed Flax, in preference to Wheat, was correct

In 1918 More Land Than Ever
will be seeded to Flax.

Professor Thos. Shaw in his article "Sowing Flax in the Canadian West" says:

"The place for the Flax Crop in the Canadian West is a large one. Flax seed is a commodity that will always be in demand. The day is also at hand when the straw will be much more valuable. The processes of turning the straw to good account are being improved continually. More attention should therefore be devoted to the growing of this crop in all the provinces of Western Canada."

Common or Russian

3266—On virgin land newly broken—and especially where early frosts are not frequently encountered Common flax can be depended upon to give a good crop. The advantages of the Wilt and Rust Resistant types are naturally more in evidence on old lands when spores of these Fungi are in the ground. Common Flax has again and again proved a "friend in need" to the new settler or homesteader. Its adaptability for sod land—splendid crops have been harvested sown on virgin land immediately after it was broken—its small bulk and high value all contribute to make this variety always popular with the pioneer. The seed we offer is very choice, clean, plump and of excellent vitality. $\frac{1}{2}$ bush. **\$2.30**, 1 bush. and under 10 bush. **\$4.35**, per bush., 10 bush. or more **\$4.30** per bush.

Primost (Minnesota No. 25)

3265—It is some years since we first introduced this variety to the Canadian West, and probably we can give no better testimonial in its favor than to say, that we have invariably found the demand to exceed the supply. It originated at Minnesota Experimental Station, being a selection from what was known as the White Blossom Dutch Flax. It is from 7 to 10 days earlier than Common Flax (a valuable feature where early frosts are experienced). A heavy yielder, ripening very evenly, straw medium length, easily harvested. The grains of Primost are somewhat smaller than Common and as a consequence it is sometimes difficult to remove such weed seeds as "Stickseed." Our highly perfected cleaning machinery enables us to remove all impurities that it is humanly possible to eliminate. The choicest and cleanest stocks naturally go first and we therefore recommend early ordering. $\frac{1}{2}$ bush. **\$2.40**, 1 bush. or under 10 **\$4.55**, 10 bush. or more **\$4.50** per bush.

Golden

3264—Distinct from all other varieties in the beautiful golden color of the kernels and also in the color of the flower being white. About 10 days later in ripening than Primost, shorter in the straw, averaging about 18 inches.

Four years ago we introduced this variety to the Canadian West. Its advent was somewhat triumphantly heralded inasmuch as that year it was awarded the Silver Medal for Flax at the International Dry Farming Congress at Tulsa, Okla.

Yields on an average about the same as the brown-colored varieties. May be sown in precisely the same manner as other varieties. Per lb. **35c**, 5 lbs. postpaid **\$1.15**, Peck **\$1.55**, $\frac{1}{2}$ bush. **\$2.90**, 1 bush. **\$5.50**.

North Dakota Resistant No. 73

(N.D.R. 73)

3289—We especially recommend this variety to those whose crop has in the past suffered from rust. Another of Prof. Bolley's selections which we had pleasure in introducing in 1916. A typical type of oil producing flax. Not as strongly wilt resistant as N.D.R. No. 114 but decidedly more rust resistant. It is a very heavy yielder. Is equally suitable for old or new land. Our stock emanated from the North Dakota Experimental Station and that we now offer is the produce grown from seed supplied direct. 1 lb. **35c**, postpaid, $\frac{1}{2}$ bush. **\$2.50**, 1 bush. or under 10 **\$4.75**, 10 bush. or more **\$4.70** per bush.

North Dakota Resistant No. 52

3290—A wilt-resistant strain of established reputation and the fact of its being introduced by Prof. Bolley is evidence of its dependability and adaptability to the West. Its powers of resisting wilt attack are very marked and as it has been introduced sufficiently long enough to prove its superiority in this respect we recommend it. Not so tall in growth as No. 114 but is an exceptionally robust branching type. For old lands it is reputed to be very suitable and its yields are second to none. Well worth a trial. Our seed is choice stock. 1 lb. postpaid **35c**, $\frac{1}{2}$ bush. **\$2.50**, 1 bush. or under 10 **\$4.75**, 10 bush. or more per bush. **\$4.70**.

North Dakota Resistant No. 114

(N.D.R. 114)

3288—As its name indicates is a product of the North Dakota Agricultural College, and will doubtless long remain a monument to the genius of Prof. Bolley. Introduced to the Canadian West by us two years ago. The features which distinguish it from other selections are, viz.:—It is taller than No. 52, ripens more regularly at the top, maturing its seed more evenly, and ripens earlier than No. 52. The seed is dark brown in color, small and plump and nearly straight. It was selected on account of its wilt and rust resistant properties and also because of its evident heavy cropping qualities. It has been well tried in North Dakota and has amply justified all claims made for it. The seed we offer was grown from seed supplied by the North Dakota Experimental Station and the growing crop inspected and approved by them. 1 lb. **35c**, postpaid, $\frac{1}{2}$ bush. **\$2.50**, 1 bush. or under 10 **\$4.75**, 10 bush. or more per bush. **\$4.70**.

Flax seed is a commodity that will *always* be in demand.

Choice Seed Barley

The Best Varieties for The West

O.A.C. No. 21

Six-Rowed

3296—The variety to excel O.A.C. 21 has yet to be introduced—in fact it will be difficult to find its equal for suitability to our Western conditions. It is without doubt one of the finest strains of Barley ever offered. Whenever grown in comparison it has invariably given heavier yields both of grain and straw than other varieties and is practically free from rust. As its name indicates it originated at the Ontario Agricultural College, Guelph, Ont. Selected from a plot of about ten thousand plants in 1903, the stock was bred from a single plant. Certain distinct and valuable features characterised this plant resulting in its selection in the first instance, these by constant re-selection have been maintained and the stock we offer represents a type of six-rowed barley that cannot be excelled. It is early, kernels plump, straw good, and heads do not break off or shell so readily as some other varieties. A striking instance of this was brought to our attention recently. One of our customers grew O.A.C. No. 21 and Oderbrucker on his farm under similar conditions. While the crop was growing his opinion was that they would give practically the same returns; imagine his surprise, when, after threshing he found that O.A.C. 21 yielded 50 bushels per acre and Oderbrucker 20 bushels, caused by the tendency of the latter to break off at the head just as soon as it is ripe, and the same farmer had a similar experience with the same variety the year before. We introduced O.A.C. 21 in 1911 so it is "time tried" and has proved a valuable acquisition.

1 bushel and under 10 bushels, **\$1.80** per bushel; 10 bushels or more **\$1.75** per bushel.

Mensury

Six-Rowed

3262—This is such a popular and well known variety that it is unnecessary to comment at length upon it. Suffice to say that it has proven its worth and is today considered one of the earliest and heaviest yielding varieties. One of the chief points for consideration by the buyer is the quality of the stock. We have always been fortunate in having particularly clean and well ripened stocks to offer and this year is no exception. Despite the many new varieties introduced Mensury holds its position as one of the best all round barleys for this country.

1 bushel and under 10 **\$1.70** per bushel; 10 bushels or more **\$1.65** per bushel.

Manchurian No. 871

Six-Rowed

3268—It is a selection from Manchurian, made at the North Dakota Experimental Station. Grown from a single plant which showed characteristics of extra earliness and from the size of the head it was estimated that it would prove a heavier yielder than the type from which it was selected. After several years careful tests this variety has demonstrated its superiority in regard to earliness, yield, strength of straw, and freedom from rust. It ripens very evenly and can be harvested with less risk of waste by "shelling" than any other variety. Today it is one of the most popular varieties in North Dakota. The stock we offer was grown from seed supplied by the North Dakota Experimental Station. One of our customers reported that his crop of this variety was ten days earlier than Minnesota 105 and the yield quite equal to that variety.

1 bushel **\$2.35**, 10 bushels or more **\$2.30** per bushel.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



O. A. C. 21

Vary Your Crops

The importance of crop rotation is not sufficiently appreciated. Preserving the fertility of the soil is a phase of Western agriculture which seems to be almost entirely neglected. To vary the crops one year with another is of incalculable value and we suggest that Western Farmers give this important subject more consideration; that the results will prove beneficial we are confident. Barley, Flax and Oats give the necessary change from Wheat and each are profitable crops to grow.

Minnesota No. 105

Six-Rowed

3269—Results after carefully conducted trials proved conclusively that "Minnesota 105" was a distinct advance and fully came up to anticipations in the matter of yield. It is a heavy and consistent cropper with an average extending over nine years of 53 bushels per acre. Introduced by the Minnesota State Experiment Station after several years' effort to produce a Barley that would eclipse all others in yield. The seed we offer was grown from seed supplied direct from the State Experiment Station. We confidently recommend it to our customers.

1 bushel **\$2.35**,
10 bushels or more **\$2.30** per bushel.

White Hulless (Improved)

Beardless—Invaluable for the Stock Raiser

3263—This is not a malting variety. If you want an excellent barley for feeding only the Improved White Hulless fills the bill. We do not know of any other variety possessing such high feeding properties. It is a very rapid maturing sort, usually ripening in about 68 days according to soil and local conditions. Excellent as a "catch crop" and in some districts is used extensively for this purpose. Weighs 60 lbs. per bushel.

\$2.00 per 50 lbs.

S	PRICES quoted are f.o.b. Brandon unless otherwise stated.	E	WHEN ORDERING remember to allow cost of cotton bags (4 c) containing 3 bushels except 60-Day 2½ bushels.	E	QUOTATIONS on Seed Grain, Grasses and Clovers are subject to market change without notice.	D
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Seed Grain Stocks

We feel that it will not be out of place to casually refer to some of the difficulties that beset us in our efforts to assemble stocks of Seed grain, such as we are offering both in this catalogue proper and in Supplement. The farmer who sits back in his chair with his toes to the fire reading this book possibly does not fully appreciate the labor and worries which are hidden "between these lines."

The failure of one variety may oft times necessitate our travelling hundreds of miles in our efforts to replace. In this way we "do our bit" to help greater production.

Supplement Stocks

During past season the Oat crop in the Provinces of Manitoba and Eastern Saskatchewan, was almost an unprecedented failure. Possibly the only season approaching it was 1907. As Seedsmen we recognize the responsibility resting upon us, that we be prepared, as far as possible, to meet the needs of the Farmers arising out of the unfortunate situation.

The class of Oats required by most buyers is a good variety clean from Wild Oats and other noxious weeds within the meaning of the Seed Control Act. The stock to be clean, unmixed with other varieties, sound, of high germination and weighing from 38 to 44 lbs. per bushel. We have provided an extraordinary stock of this class of Oats. These stocks not being pedigreed, are listed in a special "SUPPLEMENT" appearing at the front. It is a special stock sold at specially reduced prices to meet a special demand—see supplement.

McKenzie's Special Strain American Banner

The Most Popular Oat in Western Canada

3212—This variety easily maintains its supremacy as the most popular variety in Western Canada today, this in spite of the fact that many new sorts of undoubted merit have been introduced from time to time.

The exceptional excellence of McKenzie's Special Strain is so well known and much appreciated by the many hundreds who have grown them in the past as to render any elaboration on our part almost superfluous. For the benefit of those who may be looking for a change of seed and who will be satisfied with nothing less than the best we unhesitatingly recommend our strain of Banner, it represents the best type of this variety at present being offered in Western Canada.

This year's stock was again grown for us by one of the most careful farmers in this country, and in view of the unfavorable season we believe the standard of quality has been well maintained. The stock is limited and early ordering is desirable. Put up in new special heavy cotton bags, each 45c, containing three bushels. Every bag is subjected to careful inspection and then sealed with Gold Standard Seals.

Price **\$1.45** per bush., 10 bush. or more **\$1.40** per bush. Cotton bags 45c extra.



Registered Banner

3213—The prefix "Registered" used in the description of seed grain, is universally understood to mean stocks which have been grown in accordance with the rules of the C.S.G.A.

The standards aimed at by the Association are high, and we have nothing but praise to bestow upon the unremitting care and perseverance on the part of the officials to maintain these, and so materially assist in the production of better grain. It should be remembered, however, that the quality of even Registered stocks varies, they cannot be standardized like gold or silver.

While we take no responsibility in regard to Registered stocks, we send them out under the seal of the association as affixed by their inspector, nevertheless our unique position as the largest distributors of Seed Grain in Western Canada enables us to secure the stocks grown by the Association's front rank growers. Per 100 lbs. **\$4.50**. Cotton Bags 45c extra.

Registered Seger or Victory

3219—This stock has been grown under the rules and regulations of the Canadian Seed Growers Association and is offered put up in cotton bags of 100 lbs. Each bag is sealed and accompanied by a certificate of registration.

Per 100 lbs. **\$5.15**.

Special Quotations on Carloads
We are in a position to submit special prices on Car lots and invite enquiries from all interested. There are freight advantages to farmers who can club together and buy in Car lots.

Cotton Bags. All Seed Grain in Catalog proper is put up in heavy cotton bags, price 45c each. Stocks in Supplement in jute sacks, 20c. each. Potatoes in jute sacks, 15c. each.

A Suggestion

When preparing your order it will help both you and us if you will make a second choice or give us the option of substituting with another stock in the event of the stock selected being sold out when your order reaches us.



All prices quoted are subject to market change without notice

O

**ORDER
EARLY**

Secure your
requirements
immediately
this catalog
reaches you.
No advantage
in delay.

**ORDER
TODAY.**

A

BAGS

Cost more
at the factory
this year
than ever
before.

Our price
is as low as
circumstances
permit.

T

**PREPAY
POINTS**

Freight or
Express
charges must
be prepaid
for stations
where there is
no Agent.
Don't omit
to include
this with your
remittance.

S

Sixty Day or July

3215—Our grower of this variety was hailed out last Fall, and at one time it looked as though we would have none to offer our customers. We realized that to many hundreds of farmers this would be nothing short of a calamity as it occupies a unique place in the economic harvesting arrangements of many up-to-date farmers.

Its salient and valuable features are such that there never will be a plentiful supply of seed as it is too valuable for feed during harvest operations, while its market value after other Oats have ripened is negligible. We recognized that it was imperative that if it was possible at all seed stock of this variety should be available for distribution. This was no easy task, but we eventually succeeded in securing an excellent stock grown from seed stock originally procured from us, and that to us is the main thing.

For the sake of those who are not acquainted with this oat we feel that we cannot do better than repeat our description of it given in our 1917 Catalog, viz:

"This Oat is in a class by itself and does not enter into competition with any other variety we offer any more than a thoroughbred racehorse would be compared to a Clydesdale. In our 1914 catalog, in reviewing this variety, we described it as a phenomenal Oat, and we were much surprised to receive an order from one of our customers for a number of bushels of "Phenomenal Oat." In point of fact, the name would not be a misnomer, on the other hand, we believe the phenomenon is best conveyed by its title "60 day or July." In appearance the oat is disappointing, especially if one has been accustomed to handling the larger grained varieties like Abundance; nevertheless, owing to its exceedingly thin hull, it gives a surprising yield of meal, altogether out of proportion to its apparent face value. This oat is specifically designed to supply useful feed during harvest, either threshed or in the sheaf, and further, owing to its phenomenally early ripening qualities (July), its use on weed infested land is highly recommended, particularly in facilitating the extinction of Wild Oats." 1 bush. and under 10 bush. **\$1.35** per bush., 10 bush. or more **\$1.30** per bush. Cotton bags 45c. extra.

Gartons 22

3293—Possibly the best testimony as to the merit of this variety is the fact that many very extensive growers have stayed with it. It gives evidence of exceptional drought resisting qualities. This feature was put to the test during the past season. It is particularly early, stiff straw, enabling it to stand up well, and the ears are not so sensitive to the influence of hot dry winds as many other sorts, and even under very trying conditions will produce fine plump kernels.

The stock we offer was grown in Alberta, cut without frost, of good vitality and we believe is perfectly free from noxious weeds. 1 bush. and under 10 bush. **\$1.25**, 10 bush. or more **\$1.20**. Cotton bags 45c. extra.

Seeger or Victory

3292—The experience of another year has demonstrated further the undoubted value of the useful variety. There will always be differences of opinion in regard to the merits of different varieties of oats just as there are varied opinions in regard to everything else under the sun. It is also beyond dispute that some varieties do better in one district than another, if therefore you are not altogether satisfied with the variety you have been growing we recommend you to try Victory. We would describe it as follows:

Well adapted to prairie soils, elasticity of growing plant, heavy rains seldom break the straw, grain white, large and full, thin hulled, nearly beardless, very productive, ripens medium early.

1 bush. and under 10 bush. **\$1.40** per bush. 10 bush. or more **\$1.35** per bush.
Cotton bags 45c. extra.

Newmarket

3214—This variety bears a striking resemblance to Abundance, and we doubt very much if there is any material difference between the two, although some of our customers maintain that they have experienced excellent results from Newmarket, when Abundance and other varieties have failed, in fact, to use their own language they "swear by Newmarket." To meet the requirements of such we can supply an excellent stock, A1 in every respect.

1 bush. and under 10 bush. 10 bush. or more
\$1.25 per bush. **\$1.20** per bush.
Cotton bags 45c. extra.

Abundance

3217—This is a very distinct variety of Oats, introduced from Great Britain, where it was first grown in 1892. It is rapidly increasing in popularity, no doubt owing to its high "face value." it is a very plump oat, and the hull while thicker than Banner or Victory cannot be described as thick hulled. In some districts of Alberta, Abundance is almost exclusively grown. We have a very choice stock, particularly true to type of high vitality.

1 bush. and under 10 bush. 10 bush. or more.
\$1.25 per bush. **\$1.20** per bush.
Cotton bags 45c. extra.

Reduced Seed Rates

Special Seed Grain Freight rates are in force during the Winter and Spring months, which can be obtained on production of certificate from customers nearest Grain Growers Association. We will gladly mail full particulars on application.

**REMEMBER**

It is a poor policy to risk all profits accruing from your crop by trying to save a few cents on the cost of the seeds you sow.



SPRING RYE

Ten Reasons Why

1. The leading feature of this plant is its reliability to produce abundant hay crops.
2. Splendid for pasture.
3. Valuable grain crop.
4. Rich and nourishing to Stock of all kinds.
5. Spring Rye will thrive on poor soil, and adapts itself to unfavorable climatic conditions.
6. Economical in price.
7. One of the best crops with which to seed down land to grass or clover on account of being removed from the land so early in the season.
8. Especially useful in rotations designed to restrict or eradicate noxious weeds.
9. Rye rarely fails to produce a crop.
10. Should be sown in Spring as early as wheat.

In 1916 our sales on Rye were exceptionally heavy and we predicted the demand would be still greater in 1917—our judgment was correct. We practically doubled our sales last season and there is every indication of an unprecedented call for Rye in 1918.

Information received from all over the West indicates that an unusually large acreage will be seeded. Not unlikely next season will find rye in greatly increased demand for food. Both in Canada and in United States the official food controllers are urging that rye flour be substituted for wheaten flour in bread to the end that more wheaten flour will be available for export to Europe. These appeals will bear fruit. Canada and the United States will use less wheat per person during the coming year than they have done for many years and corn meal and rye flour will be used in place of it. The Allies will require to import rye as well as wheat. France, Italy and the Balkan countries all use large amounts of rye for breadmaking. Black rye bread is as common in those countries as white wheat bread is in Anglo-Saxon countries, and every bushel of rye they can import is equivalent to the importation of a bushel of wheat.

The Grain of Poverty

Rye is sometimes called the "Grain of Poverty" because it is perhaps better adapted to poor soils and unfavorable climates than any other cereal.

While Rye will thrive on poor soil and yields well on light sandy land, it should not be assumed that it does best on that kind of soil. Rye has the reputation of responding as readily in yield to good tillage and good soil as any of the grain crops.

3218— $\frac{1}{2}$ bushel **\$1.45**, 1 bushel **\$2.80**, 10 bushels or more **\$2.75** per bushel.
Cotton bags 45c extra.

WINTER RYE

Advantages of Winter Rye

1. Owing to its rapid and early growth it chokes out many weeds. Maturing early in July, makes it the most valuable of all grain crops for destruction of wild oats.
2. Summer fallow sown to Rye in August or early September is not subject to "Soil drifting" either in Fall, Winter or Spring—It succeeds well on light sandy soil.
3. Rye ripens much earlier than wheat—consequently is not subject to damage from early frosts.—It divides the work on the farm.
4. May be seeded as early as last week in June—or as late as last of September. The earlier it is sown the better the pasture from August to November, makes early Spring pasture and still yields a good grain crop the following July.
5. Cut green makes excellent Fodder.
6. It is ready to pasture about a month after seeding and may be used from that time until freeze up.

Every Progressive Farmer Will Eventually Grow Rye Why Not Commence This Year?

The passing of another year has brought Winter Rye into greater popularity than ever before, indeed, the demand during 1917 eclipsed our most sanguine expectations and we were forced to turn away a large number of late orders on account of stocks being oversold. There can be no doubt whatever about its now being firmly established as one of the staple grain crops for the West.

In spite of those who proclaim that there is seldom a failure in Wheat it is not infrequent to have barely sufficient to pay first cost of the crop. Winter Rye can usually be depended upon as a profitable crop.

Sown early in June a field of Winter Rye affords abundant Fall Pasture and also the earliest green pasture in the Spring. In addition will yield a heavy crop of grain.

Space at our disposal does not permit going fully into the origin or antecedents of this valuable fodder plant; in fact we hardly believe these particulars to be necessary. The chief concern of Western Agriculturists is that Winter Rye has "made good."

Nearly every Farmer who has grown Winter Rye has noted particularly that it is an excellent Weed killer, therefore particularly valuable in eradicating Wild Oats and Sow Thistle.

We carry a large stock of excellent quality and in view of the much increased demand we strongly recommend orders being sent in as early as possible.

Largest Distributors in the West

As we handle both Spring and Winter Rye in train load quantities we can justly claim to be the largest distributors of this grain in the West. Our Stocks are the best obtainable. **Order early.**

3219—Selected Recleaned Stock. $\frac{1}{2}$ bushel **\$1.35**, 1 bushel **\$2.60**, 10 bushels or more, per bushel **\$2.55**. Cotton bags 45c extra.

Rye is a *dependable* crop and yields abundantly.

PHOTOGRAPHED BY
A. E. MCKENZIE CO., LTD.

Speltz

Speltz is an important grain deserving of far greater attention from farmers than it has hitherto received. Many who have grown it regularly for years claim that it is one of the heaviest yielding cereals.

It rarely disappoints. A crop is practically assured as it will thrive on any soil and in any climate. It is particularly suited to prairie regions having dry climate with short hot summers, therefore an ideal crop for Western Canada.

Speltz has a bearded head and is very similar to Barley in appearance and habit of growth, but experience proves it to be a heavier yielder, hardier and matures earlier.

There is no need to say anything of the cultivation of Speltz as it is probably the least exacting of all cereals in this respect. The usual method of cropping with spring grains should be followed. It will, of course, give better results on ground plowed the previous summer. Sow 2 bushels per acre.

Consider These Points:

1. It resists extreme drought.
2. It thrives on poor and stony lands.
3. It produces a heavier yield than Oats, Wheat or Barley.
4. Readily eaten by and all kinds of stock [thrive on it.
5. Early maturing.
6. Does not blight, rust or lodge.
7. The straw is highly relished by stock.

Then—Try It This Year

3209—1 lb.	5 lbs. postpaid	50 lbs. (1bushel)	100 lbs.
25c	70c	\$2.50	\$4.80

Field Peas

Since the War began such large quantities of Peas and Beans have been required for food consumption by our Armies that it has made it impossible for us to offer our usual number of varieties of Field Peas. Further, 1917 was a very unfavorable year for the crop and the returns were most disappointing. We did not get return of seed planted. We consider the prices are too high for general seeding and suggest Spring Tares as a substitute for green feed. For the maintenance of fertility in a rotation, peas rank close to clovers. They make excellent food for all kinds of stock and pea straw when properly cured is preferred to either Wheat, Barley, Rye and even Oat straw. Sow early and deep.

As stocks are limited we recommend early ordering.

	Postpaid		15 lbs.	1/2 bush.	1 bush.
	1 lb.	5 lbs.			
3225—GOLDEN VINE, small, but very productive.....	.40	1.35	1.85	3.50	6.75
3226—CANADIAN FIELD, good for general use.....	.35	1.25	1.70	3.25	6.25
3227—CANADIAN BEAUTY—an excellent pea, large and very productive.....	.40	1.40	1.90	3.60	7.00
1018—BLACK EYE MARROWFAT, strong grower of A1 quality	.40	1.40	1.90	3.60	7.00
1019—WHITE MARROWFAT, similar in growth to Blackeye....	.40	1.40	1.90	3.60	7.00

Prices quoted are
f.o.b. Brandon, unless
otherwise stated. Do not
omit 45c extra for cotton
bags.

Spring Tares (Vetches)

3285—This is one of the most promising of all the leguminous plants. Rapidity in growth and extreme hardiness render it peculiarly suitable for our cool climate. As a fodder plant it provides abundant nourishment, and can be cured or made into ensilage. For building up soils Vetches are invaluable, gathering up nitrogen from the air and supplying to worn out or impoverished soils just the necessary stimulant so greatly needed. If sown alone sow about 2 1/2 bushels of seed to the acre. May be sown with 1/2 bushel of Oats which should assist in holding up the crop and making it easier to harvest.

1 lb.	5 lbs. postpaid	peck	1/2 bush.	1 bush.
30c	\$1.20	\$1.45	\$2.75	\$5.25

Winter Vetch

(Also called Sand or Hairy Vetch)

3286—A valuable forage plant of particularly hardy constitution. An excellent winter cover crop which is being more extensively grown. Yields ten to eighteen tons of green fodder per acre.

1 lb.	5 lbs. postpaid	peck	1/2 bush.	1 bush.
45c	\$1.85	\$4.00	\$7.75	\$15.25

Buckwheat

3210—Japanese. Quite distinct from other varieties. Now being grown by many of the most successful farmers in the West. It is early and very productive. The rich dark brown kernels are larger than the Silver Hulled. Buckwheat is coming into considerable prominence as a cleaning crop. It makes excellent feed for cattle and hogs.

1 lb.	5 lbs. postpaid	peck
25c	75c	\$1.10
1/2 bush.	1 bus.	
\$2.00	\$3.50	

3211—Silver Hulled. A great improvement over the original black or grey sort. It is early, yields nearly double the quantity per acre and remains longer in bloom than other sorts. An excellent variety for Honey Bees. Buckwheat sown along with Timothy and Clover is an adaptable plan. Price on application.

Speltz demands attention from every farmer in 1918.



Head of Speltz

Plant Corn This Year

**90c Seeds
An Acre**

10 lbs. will sow an acre in hills

20 to 28 lbs. will sow an acre in rows

Even at the much higher average price of \$5.00 per bushel corn costs only 90c. and \$2.50 in hills or rows respectively per acre.

1917 Corn Crop

The Corn belt has not moved North sufficiently for maturing of Corn in Western Canada for seed purposes, although as a plant Corn is being more generally seeded in the West each year, but its purpose is for Fodder use owing to the fact that it is one of the very best plants known for this purpose. Most of the seed of Corn planted in the Canadian West is grown in the United States. Last harvest an early frost destroyed (for seed purposes) all the Corn growing in the states of Minnesota, North Dakota, Wisconsin and in the northern districts of the states of South Dakota, Iowa and Illinois. This loss represented millions of dollars and was regarded almost as a disaster. The growing crops of Corn in the United States were quite above average, and while there still remained thousands of acres of Corn further South than the above States referred to, untouched by frost, later in the season there was abnormal rainfall preventing proper harvesting. After these crops were garnered germination tests revealed the fact that the remainder of the crop, which escaped frost, also resulted in what might almost be regarded a calamity as it would not germinate.

Market Prices

At the time of going to press with this catalog, farmers in the United States advise us that they are getting \$5.00 a bushel and more for any Corn which they were fortunate enough to carry over from the preceding year. One farmer is holding his stock at \$12.00 per bushel, and he further stated that it was his opinion that good Seed Corn would be worth \$25.00 a bushel in the Spring. Under the present abnormal conditions which exist regarding Seed Corn one may naturally expect extravagant opinions regarding conditions and prices. Whether Seed Corn will be selling for from \$10.00 to \$25.00 a bushel in the United States, we will not undertake to prophesy, but it is certain that a bushel of good germinable seed Corn, either Flint or Dent variety, will be worth a fabulous price.

McKenzie Prices

We were fortunate in having some of our Corn grown in a small strip of country which was reasonably free from the unfortunate conditions striking the country generally. The stocks which are delivered to us from this particular section, together with a further supply of A 1 germinable 1916 Corn of excellent varieties, will enable us to take care of all reasonable demands which will likely arise in the Canadian West, and we are confident that our prices to the Farmers of Canada will be less than the American Farmer will be obliged to pay for a bushel of good Corn seed. We would make this further observation, that we can sell several cars of our present stock of Corn on the United States market for seed purposes, obtaining a better price in carload quantity than the prices we are asking for the same varieties and stocks quoted in this catalog.

Cost of Seeding One Acre of Corn

When you consider 20 to 28 lbs. in rows or 10 lbs. in hills of either Flint or Dent Corn will seed an acre, compare the cost of this with the cost of seeding an acre of Oats when it requires about $2\frac{1}{2}$ bushels to seed an acre, calculating Seed Oats worth \$1.25 a bushel: or compare the seeding of one acre Corn with the cost of seeding one acre of Wheat, calculating $1\frac{1}{2}$ bushels to the acre and good seed at \$2.50 per bushel.

Making these comparisons it will be readily appreciated that a bushel of Corn costing \$5.00 and seeding two acres is 75c to \$1.00 per acre cheaper than either Oats or Wheat. The tendency of the human mind is to jump at conclusions without taking into account all the facts. When Corn is quoted at \$5.00 a bushel it looks high, but this price is really low when compared with other leading cereals.

To our many customers we would state that we are fortunate in having such generous stocks of reliable varieties with which to serve our trade, especially in an "off year" like the present.

Northwestern Dent variety is usually our heaviest seller. On account therefore of our stock of this variety not being as abundant as usual, we especially request customers when ordering to name one or two alternative varieties.

McKenzie's Earliest White Dent

3303—We are pleased indeed to announce that we have some very choice seed of this variety, 1916 crop germinating 98%.

This is practically the counterpart of our Earliest Yellow Dent, except that it is a pure white variety, and our experience with it is quite as satisfactory. There are many who have a distinct preference for white corn. We believe McKenzie's White Dent will fulfil every expectation. It grows to the same height, carries the same size ear and the same depth of kernel as McKenzie's Earliest Yellow. We recommend it with every confidence.

1 lb.
35c

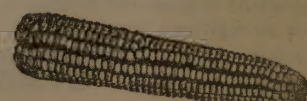
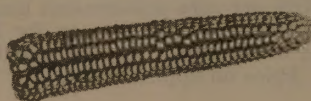
5 lbs. postpaid
\$1.00

1 peck
\$1.55

$\frac{1}{2}$ bush.
\$2.90

1 bush.
\$5.50

5 bush. or more, per bush.
\$5 45



Prices quoted are f.o.b. Brandon except where otherwise noted.

McKenzie's Earliest White Dent (Description page 52)

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



Grow Corn

Corn has no equal
for producing an abundance of fodder.

Corn growing and its
effect on land is equal
to summer fallowing.

Corn growing decidedly
improves tillage.

Northwestern Dent

3300—Part of our crops of Northwestern Dent was hard hit by unfavorable corn weather, but several large fields came through all right, delivery from our growers will drop over 60% of our annual requirements of this one variety. It is entirely suitable to Canadian West conditions. Its leading characteristics are; earliness, height 6 to 7 feet, ears about 9 inches long extending from stock about 2 to 2½ feet above the ground, kernels dark red. **We have an excellent stock.**

1 lb.	5 lbs. postpaid	1 peck!	½ bush.	1 bush.	5 bush. or more, per bush.
35c	\$1.00	\$1.60	\$3.00	\$5.75	\$5.70

Improved Leaming Yellow Dent

3304—We have a splendid stock of this variety 1916 crop germinating 96%.

This variety is adapted for ensilage purposes only. It produces abundant, leafy, succulent fodder. In a normal season it will reach a greater height than any other variety we offer. For the Silo we recommend its being used in combination with such varieties as McKenzie's Earliest Yellow Dent, McKenzie's White Dent or Northwestern Dent.

1 lb.	5 lbs. postpaid	1 peck	½ bush.	1 bush.	5 bush. or more, per bush.
35c	\$1.00	\$1.35	\$2.50	\$4.75	\$4.70

McKenzie's Earliest Yellow Dent

3302—We have a splendid stock of this variety. It is seed of 1916 crop and can be depended upon for satisfactory germination, it is 98%.

We introduced this variety for the first time in 1916, and its record amply justifies its inclusion. It is a pure Yellow Dent with a red cob. The stalks grow about seven feet high, the ears six to eight inches long and are produced two and one-half to three feet from the ground. The feature which distinguishes it from all other early varieties is the depth of the kernel, being deeper than any other early variety. This means that while the ears are smaller than Northwestern Dent it shells at least 10% more.

1 lb.	5 lbs. postpaid	1 peck	½ bush.	1 bush.	5 bush. or more, per bush.
35c	\$1.00	\$1.55	\$2.90	\$5.50	\$5.45

Minnesota No. 13 Yellow Dent

3224—Like Earliest Yellow Dent and Earliest White Dent, the Minnesota No. 13 is no experiment in this country. Our stock is excellent both as to quantity and quality: germination 98%.

This is an extremely handsome Yellow Dent variety, which as its name suggests, was raised at the Minnesota Experimental Station, from which source so many excellent productions have emanated. In Minnesota and North Dakota it is running Northwestern Dent very closely and in popularity is undoubtedly a very good second. It is not quite so early as the Northwestern Dent, but produces rather more fodder, and for this reason is preferred by some growers, especially for Silo purposes. Dent varieties are best for the Silo as they are not so liable to become sour.

1 lb.	5 lbs. postpaid	1 peck	½ bush.	1 bush.	5 bush. or more, per bush.
35c	\$1.00	\$1.50	\$2.75	\$5.25	\$5.20



Prices quoted on Grasses, Clovers and Seed Grains subject to market change without notice.



A Cob of Longfellow Corn Two-thirds of Actual Size—Grows to an Average of 10 Inches

Corn—the King of Fodder Plants

Longfellow Yellow Flint

3221—This variety undoubtedly still retains a premier position among yellow flints for the West. In comparative tests with many others its record is good. It is very popular with dairymen and stockmen, provides abundance of appetizing and nutritious fodder, and even if cut down by frost in its early stages it will come away again and give surprising results.

It is an eight-rowed variety with large well-shaped ears, averaging 9 inches long, extending from stock about 3 feet from the ground. The stalk is very leafy and succulent and grows to a height of 7 feet.

1 lb.	5 lbs. prepaid	1 peck	½ bush.	1 bush.	5 bush. or more, per bush.
35c	\$1.00	\$1.50	\$2.75	\$5.25	\$5.20

Quebec 28 Yellow Flint

A Canadian Bred Variety

3305—This is an early variety which has proved its suitability to the Canadian West. Stock grows 7 to 8 feet high, leafy and succulent; produces cobs 8 to 10 inches long, color of grain golden yellow. This variety possesses so many well balanced qualities as to make it a favorite with growers.

1 lb.	5 lbs. postpaid	1 peck	½ bush.	1 bush.
35c	\$1.00	\$1.75	\$3.25	\$6.25

North Dakota White Flint

3222—North Dakota White possesses features of remarkable hardiness, in fact, we believe it will stand more hardship of extreme heat and cold than any other variety, and for this reason will no doubt retain its place among corn growers of the Northwest for many years to come. It usually attains a height of from 5 to 6 feet, the ears being borne 3 feet from the ground. It is very early and can be depended upon to mature medium sized ears in a normal season.

1 lb.	5 lbs.	1 peck	½ bushel	1 bushel	5 bushels or more, per bushel
35c	\$1.00	\$1.55	\$2.90	\$5.50	\$5.45

Always Successful

For the past few years I have been using A. E. McKenzie Co. seeds and have always been successful.

I greatly recommend them to any one who is proud of a luxuriant growth. I am very pleased with them and every one who will use them in good soil will be well pleased too.

P. L. VOISIN,
Shell River, Sask.
Sept. 7, 1917.



Corn Especially Good

I like your seeds and will say I have used them for a number of years and have been well pleased with the results. We won several prizes at the Fair for collection of vegetables. We find your Cauliflower and Corn (North Dakota Flint) especially good.

Walter W. Whewell,
Arcola, Sask.
Sept. 10, 1917.

Millet A Grand Forage Plant

Very Tender, Highly Relished by All Kinds of Stock

When the spring is unfavorable and other crops fail to grow, the question of supplying sufficient green fodder for the stock presents itself conspicuously and the practical farmer makes plans accordingly. Millet is well adapted to the soils of the Canadian West and is a rapid, vigorous grower. Producing an abundance of leafy and luxurious growth, it is unexcelled as a catch crop to make up for any deficiencies that might possibly occur in the hay yields. While grasses grow luxuriantly they nevertheless lack precisely that value in the sustenance of stock that only seed-bearing annual fodders like Millets can supply. Millets are very tender and highly relished by stock. They do best on moist soil, summer fallow and spring plowing. 20 to 30 lbs. sow an acre. A good average quantity, if sown by drill, 25 lbs; if sown broadcast, use fully 30 lbs. May be sown any time from third week in May up to 1st July. Yield averages four to six tons per acre.

Common

The Most Popular Variety

3232—Common Millet is exceptionally sweet and palatable and yields enormous crops of hay—from 4 to 5 tons per acre. It thrives on almost any soil, attains the height of four to five feet and will produce on an average 60 to 80 bushels of first-class seed per acre. All farmers should reserve a few acres as a safeguard against total or partial failure of the hay crop. All kinds of stock readily relish and eat ravenously of this grass, and the richness of the flavor makes it a most desirable sort for dairy-men to grow.

1 lb. **30c.**, postpaid, 25 lbs. **\$2.00**, 50 lbs. **\$3.85**, 100 lbs. **\$7.50**.

Japanese

3233—Incorrectly termed "Billion Dollar Grass" and "Barnyard Millet." Stands before all other varieties of Millet on account of its enormous yields of Hay which probably explains it being referred to as "Billion Dollar Grass." Strange to say it has not received as much attention as Common or Hungarian. It is very difficult to obtain this variety entirely free from Buckthorn.

1 lb. **35c.**, postpaid, 25 lbs. **\$2.25**, 50 lbs. **\$4.35**, 100 lbs. **\$8.50**.

Hog

3235—Known also under the name of "Broom Corn" Millet. Grown particularly for Hog feed and is also in great demand by poultry farmers. Although the Hay will make good green fodder it is inferior to other Millets for this purpose. The kernels are larger than the seed of other Millets.

1 lb. **30c.**, postpaid, 25 lbs. **\$2.25**, 50 lbs. **\$4.35**, 100 lbs. **\$8.50**.

Golden

Sometimes Miscalled German

3231—One of the earliest of the Foxtail Millets which reproduces itself freely from seed and at the same time retains character re growth and uniformity of type. The seeds as small and of a golden or yellow color. Grow single stems or few in number from each root. Produce abundance of first class seed. 1 lb. **30c.**, postpaid 25 lbs. **\$2.20**, 50 lbs. **\$4.10**, 100 lbs. **\$8.00**.

Siberian

3234—A native of Russia which came into popular favor in this country very quickly after its introduction a few years ago. Extremely hardy—very heavy yielder and is generally considered a good sort.

1 lb. **30c.**, postpaid, 25 lbs. **\$2.20**, 50 lbs. **\$4.10**, 100 lbs. **\$8.00**.

Hungarian

3230—As the name implies this variety is a native of Hungary. We regret, owing to crop failure, being unable to offer this season.

Sudan Grass

A Great Drought Resister

3280—If you sow Sudan Grass once you will sow it every year. That there is an increasing demand for it is evidenced by the large number of orders and enquiries we received last season. There can be no doubt as to its suitability to the Prairie Provinces. We introduced it two or three seasons ago when it immediately proved its merit as a distinctly valuable forage plant. It can be pastured or cut, and made into hay, the quality of which is unequalled, or it can be used for ensilage. Sudan Grass has been called "The Wonder Crop" in the United States where it has reclaimed more land than any other single crop. While Sudan Grass will grow on almost any soil, it also succeeds well in arid and semi-arid districts. Grows to a height of four to six feet and will make a greater yield of forage under adverse conditions than anything else we know. Climatic conditions seem to have very little effect upon it. Stock of all kinds eat it readily. The food value is second only to Alfalfa. It is a seed-bearing plant of the Millet type with broader leaf resembling corn. Sow after all danger of frost is past. For a hay crop, sow broadcast at rate of 20 pounds per acre. A rather firm seed bed is best. The ground should be well prepared.

Per lb. **60c.**, 5 lbs. **\$2.00**, postpaid, 25 lbs. **\$8.60**, 50 lbs. **\$16.75**, 100 lbs. **\$31.00**.

Cotton Bags

Please note our Selected and Pedigreed Grain stocks are put up in Cotton bags price **45c** each. Supplement Grain stocks are in Jute sacks, price **20c** each.

Jute Sacks

We do not ship our Selected and Pedigreed grain stocks of Seed Grain in Jute sacks which are considerably cheaper. Potatoes are shipped in Jute sacks, price **15c** each.

PHOTOGRAPHED
BY
A. E. MCKENZIE
CO., LTD.



A WESTERN FARMER'S OPINION.

I have grown Sudan grass two seasons—1914 and 1917. It did well, grew about five to six feet, in each case was grown on summer fallow and in rows about two feet apart but would probably be better grown thirty inches apart, and given the same treatment as Corn. It should be cut before frost. If cut when coming into the seed head, about the middle of August, it makes excellent hay and is preferable to Corn as the stems are finer. Stooling freely makes harvesting easy with a binder. It is very leafy and thickens out more than Corn if cut at early stage. The second growth should make some pasturage until heavy frost occurs. It is recommended that it be sown thinly to allow of stooling.

SEAGER WHEELER.

Rosthern, Sask.
Nov. 15, 1917.

All Prices subject to
Market Change
Without Notice

Our Booklet "Millets and why they should be grown," is free to customers.

McKenzie's Recleaned

From the Grower

Western Rye (*Agropyrum tenerum*)

Easily Sown Easily Grown
Easily Mown

The Native Cultivated Prairie Grass The Well Known Bunch Grass of the North West
A native of Manitoba, originating some 20 years ago near Virden, from a few handfuls of seed. It thrives anywhere and everywhere, requiring little, if any, care. There are many farmers who would not be without from 25 to 75 acres and its cultivation is becoming more general every year. Western Rye grass is least affected of any grass when grown on alkali soil. It is valued most for its abundance of nutritious hay. Yields from 1 to 3 tons per acre according to season and other conditions. Should be sown 15 pounds to the acre. Although it affords excellent pasturage sown alone, for permanent pasture it is by all means preferable that it be sown with Brome, about 7½ pounds to the acre. Fifteen pounds sown with 2 pounds of Alsike and 2½ pounds of Red Top a particularly fine permanent pasture can be established.

Many farmers desire or prefer to secure a grain crop the season the grass is sown; for this reason they sow Western Rye with a nurse crop of grain; while not desirable it can be and is done, with considerable success. When sown alone continues for years to yield greater than when sown with a nurse crop.

The light chaff-like seed is extremely difficult to clean. Having the finest equipment and most improved machinery enables us to make our stock the finest and purest in the West; free from noxious weeds and of highest germination.



	(Postpaid)	1 lb.	25 lbs.	50 lbs.	100 lbs.
3245—Gold Standard.....		35c	\$5.00	\$9.50	\$18.50
3246—Gilt Edge.....			\$4.75	\$9.25	\$18.00

Frost Resisting
Drought Defying

Brome (*Bromus inermis*)

Pre-eminently the Grass of the Canadian West.

The Brome Grass Crop of 1917 was the shortest in this Country for fifteen years.

Probably the most valuable and most generally used in the Canadian West where it seems to be particularly adapted to. Ever since its introduction into Canada about 20 years ago the demand has steadily increased and to-day it is considered to be the leading Grass. The reasons for this are readily explained by

- | | |
|--|---|
| (1) Its ability to withstand sudden climatic changes—no amount of cold seems to kill it. | (5) Especially valuable for seeding down light soil in this Western Country which is subject to "blow." |
| (2) Its phenomenal drought-resisting qualities. | (6) Flourishes under absolute neglect. |
| (3) In dry summers it produces more green food than any other Grass. | (7) It is considered the best grass for pasturage purposes but is better adapted as a pasture grass than for hay. |
| (4) Will thrive on loose and poor land. | |

Its further usefulness is fully demonstrated by its adaptability to any soil, and its indifference to the tramping of cattle makes it especially important in sandy and gravelly pastures.

Fourteen pounds is the quantity recommended per acre when sown alone for pasture; or seven and a half pounds each per acre Brome and Western Rye will make a fine mixture for pasture or hay. May be sown any time up to 1st September if there is sufficient moisture and the ground is in shape.

Brome seed is exceedingly difficult to clean, more so than Western Rye.



	(Postpaid)	1 lb.	25 lbs.	50 lbs.	100 lbs.
3247—Gold Standard.....		40c	\$6.00	\$11.75	\$23.00

Brome and Western Rye Mixed

Brome Grass when sown alone for hay purposes grows so prolific as to render curing difficult—therefore Western Rye produces a plant which, while considerably different from Brome, is a splendid seed for mixing with Brome for Hay purposes only.

Our equipment includes a specially designed mixing machine which ensures uniform distribution when the seeds are sown. For pasturage purposes it is preferable to seed Brome alone.



	(Postpaid)	1 lb.	25 lbs.	50 lbs.	100 lbs.
3282—.....		35c	\$5.60	\$10.75	\$21.00

Timothy (*Phleum pratense*)

Conceded to be one of the most valuable grasses which is increasing in popularity. Of great nutritive value, very productive, and considered the cheapest grass to sow. The seeds being very small and produced in great abundance its cost is so economical that every farmer should grow it. It contains much nutriment and animals have a particular fondness for it. It is a perennial and perfectly hardy throughout Western Canada. Grows in stools, never forms a compact sod. It attains perfection on rich clay and loam, in fact is better adapted to heavy than sandy soils; to moist, than dry localities.

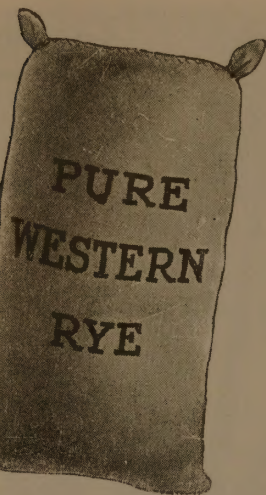
Timothy withstands extremes of cold better than any grass. It is not recommended for permanent pasturage owing to its tendency to run out in a few years.

Succeeds equally well with or without a nurse crop of grain. Six pounds sow an acre. Sown alone, or with Red Clover, Timothy produces an exceptionally fine quality of hay, and for this purpose is extensively sown, although other grasses, particularly Brome, make better pasture.

Our stocks are exceptionally choice, plump, clean and high germination.



	(Postpaid)	1 lb.	25 lbs.	50 lbs.	100 lbs.
3243—Gold Standard.....		35c	\$3.25	\$6.25	\$12.00
3244—Gilt Edge.....			\$2.85	\$5.25	\$10.00

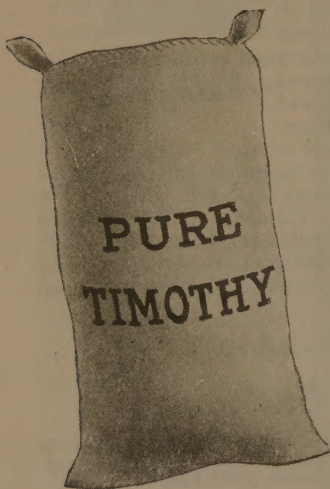


PRICES QUOTED
ON
GRASSES, CLOVERS
AND
SEED GRAINS
ARE SUBJECT TO CHANGE
WITHOUT NOTICE



QUOTATIONS ARE
F.O.B. BRANDON

EXCEPT QUANTITIES
LISTED POST PAID



Grass Seeds

to the Sower

Kentucky Blue (*Poa pratensis*)

Sometimes called "June Grass"

It makes the sweetest and most nutritious pasture for all kinds of stock. The creeping underground stems enable it to withstand great drought and it is therefore of considerable value for growing in light, dry and sandy soils. Particularly adapted to Western Canada, and to establish pastures of the greenest verdure that will give highly profitable returns. As the seed is very slow to germinate Blue Grass does not get well started until the second year. Once started, however, it amply offsets its apparent dormancy. The roots are so thick and stout that the tough sod thus formed makes an almost everlasting sward that permits of very heavy pasturing. Its feeding value is exceptionally high, and it makes one of the best pastures or hay crops that can be grown. This valuable grass should never be omitted from any pasture mixture. For lawns (without other grasses), it produces a most beautiful, thick, velvety carpet-like sward.

3249—Gold Standard—

1 lb. postpaid.	25 lbs.	50 lbs.	100 lbs.
60c	\$9.35	\$18.25	\$36.00

Red Top (*Agrostis vulgaris*)

Also Known as Herd's Grass

This is especially valuable sown in mixture with Timothy Brome Western Rye or Clovers, as it is of a more permanent nature than other grasses. Should be fed close, as cattle relish it more as a pasture than hay. It is very robust growing and establishes a protection growth for other grasses.

Grows most luxuriantly on moist, rich soils. It will produce a fall crop on coarse gravelly land and has succeeded on alkali land when other grasses have failed.

3252—Gold Standard—

1 lb. postpaid	25 lbs.	50 lbs.	100 lbs.
55c	\$6.75	\$13.25	\$26.00

Crested Dogtail (*Cynosurus cristatus*)

3241—A very useful grass for sheep pastures and lawns as it makes close, fine and compact growth. The value of this species is greatest at the time of flowering. If left until the seeds ripen the stems lose practically the whole of their nutritive value and are then not so palatable for stock. Thrives well on practically any soil.

GOLD STANDARD—1 lb. postpaid	25 lbs.	50 lbs.	100 lbs.
60c	\$9.75	\$19.25	\$38.00

Hard Fescue (*Festuca duriuscula*)

3238—Adapted to a great variety of soils but is most prevalent in those that are light and sandy. It possesses the quality of withstanding, in an exceptional degree, drought in summer and severe cold in winter. When blended with other grasses assists materially in the making of a very close turf.

GOLD STANDARD—1 lb. postpaid	25 lbs.	50 lbs.	100 lbs.
55c	\$7.75	\$15.25	\$30.00

Sheep's Fescue (*Festuca ovina*)

3239—Being so similar in many respects to Hard Fescue this grass is used for the same purpose. An excellent variety for poor sandy soils. It is of very fine foliage and densely tufted, making it well suited for lawns.

Endures extremes of heat and cold and for this reason its cultivation in the Canadian West is annually increasing.

GOLD STANDARD—1 lb. postpaid	25 lbs.	50 lbs.	100 lbs.
60c	\$9.00	\$17.75	\$35.00

ABOUT SEEDERS

We are sometimes asked to name a suitable machine, particularly for sowing Brome, Western Rye, and other light grass seeds. We have pleasure in recommending the

BRANDON SEED HOUSE GRASS SEEDER.

The universal popularity of this machine speaks for its utility. We stock two sizes.

Full particulars on page 88.

Canadian Blue (*Poa compressa*)

Very similar to Kentucky Blue but is slightly coarser and stem is more flat. Its chief value is in mixtures with other grasses.

It is very hardy, nutritious and tufty, and much used in permanent pasture mixtures. Makes an exceptionally fine hay—greatly relished by stock of all kinds, very sweet and palatable.

It has a very heavy root system and will thrive and produce luxuriant growth on hard clay soils. Grows about two feet high. As with Kentucky Blue, once established it starts up in the early spring and remains green until freeze up.

The quality of our Canadian Blue is the highest.

3251—Gold Standard—

1 lb. postpaid.	25 lbs.	50 lbs.	100 lbs.
40c	\$4.75	\$9.25	\$18.00

McKenzie's

"O.K." Pasture Grass

This specially prepared mixture is the outcome of many years practical observation and will bring quick and certain results. It is composed of the most nutritive and productive species of Grasses suitable for laying down land to permanent grass, and the quantity of each species is carefully regulated with the object of forming pastures that will yield in the shortest time after being laid down (and without any subsequent deterioration) the heaviest crops during the whole of each growing season. It thrives under the most severe climatic conditions and will withstand the ravages of both weather and stock. This mixture makes a crop of hay that is hard to excel.

3236—1 lb. post'd	25 lbs.	50 lbs.	100 lbs.
55c	\$6.35	\$12.25	\$24.00

Meadow Fescue or English Blue

(*Festuca pratensis*)

3242—Specially recommended for permanent pasture. It makes excellent hay, the leaves or herbage being succulent and tender. One of the most valuable grasses either for mowing or pasture, as it is very productive and the fodder good. Roots penetrate deeply. It withstands freezing very effectively.

GOLD STANDARD—1 lb. postpaid	25 lbs.	50 lbs.	100 lbs.
50c	\$6.65	\$12.75	\$25.00

Orchard or Cocksfoot (*Dactylis glomerata*)

3237—It is a very common species growing in almost all soils. Though it looks coarse, it is one of the earliest, most productive, nutritious, and valuable of the cultivated grasses and it comes quickly to perfection. As its roots penetrate to considerable depth it withstands drought on light dry soils better than most other grasses. Should be more extensively grown.

GOLD STANDARD—1 lb. postpaid	25 lbs.	50 lbs.	100 lbs.
65c	\$11.00	\$21.25	\$42.00

Wood Meadow (*Poa nemoralis*)

3240—Starts into growth early in the spring, the sward maintaining its green appearance until late in the year. Of dwarf and very fine growth, it forms one of the principal grasses in mixtures for shady spots, pleasure grounds, or lawns.

GOLD STANDARD—1 lb. postpaid	25 lbs.	50 lbs.	100 lbs.
65c	\$11.60	\$22.75	\$45.00



Prices quoted on Grasses, Clovers and Seed Grains subject to market change without notice

When ordering add 45c
for cotton bag
containing up to 160 pounds

MCKENZIE'S PURE

The Greatest

Alfalfa

Explanation Regarding Different Varieties

Beginners in Alfalfa growing seem to experience more or less difficulty in understanding some of the leading characteristics as pertaining to different varieties.

To assist those interested we submit hereunder leading features as touching varieties which up to the present time have proven to be best adapted to the Canadian West.

Speaking broadly Alfalfa divides itself into three distinct types. For convenience we make the following distinction designated A. B. C. etc.

A.—Blue Flower (*Medicago sativa*.) This is a distinct species; there is more of this type in cultivation than any other. It is commonly grown in United States and Europe—grows taller—possesses less spreading habits, consequently better adapted for hay purposes than pasture.

Notwithstanding that it is said not to be so hardy as the "variegated" type, some of the best fields we have seen in Western Canada are the product of the "blue flower" culture. The seed of this type is always appreciably lower in price than the "variegated."

Prices on Clovers, Grasses and Seed Grains
are subject to market changes without notice



Showing strong root system of Alfalfa

The "blue flower" stocks listed in this catalog are: **Stock No. 3253, Stock No. 3323 and Turkestan.**

It will be observed that Turkestan is a "blue flower" variety. Any variation of characteristic in the "blue flower" type may be largely attributed to selection or variation in environment such as soil or climate.

B.—Variegated (*Medicago media*). The origin of this type is the result of cross-hybridizing of the "blue flower" species with the "yellow flowered." **Liscomb** and **Grimm** varieties, as listed on page 59 are "variegated."

This species has a more branching root system which may possibly account for the claim that the "variegated" types are harder than the "blue flowered" varieties. The plant itself is more spreading in habit and does not grow quite so tall, therefore is well adapted for pasturage, as well as for hay. Stocks of "variegated" types are considerably higher in price.

C.—Yellow Flower (*Medicago falcata*.) This is the third of the three leading types of Alfalfa. Its use is chiefly for cross-fertilization with a view to the infusion of its hardy element with the "blue flowered" species.

STOCK NO.

3253 (*Medicago sativa*)

In past seasons we have sold large quantities of Alfalfa possessing similar characteristics to this stock. It has given uniform satisfaction throughout the Western Provinces. It is a larger growing plant than Grimm or any of the variegated species and in consequence produces more tonnage per acre.

The seed is extra choice and clean, very plump, uniform bright color, grading Canadian Government standard No. 1.

1 lb. postpaid	10 lbs.	25 lbs.	50 lbs.	100 lbs.
55c	\$3.75	\$9.00	\$17.50	\$34.50

STOCK NO.

3323 (*Medicago sativa*)

In previous seasons we have sometimes listed stock similar to this as "Montana Grown" simply by way of designation. In reality there is no particular variety of Alfalfa by name "Montana." This stock is a very excellent lot of the "blue flowered" type and was grown near the Canadian boundary in the State of Montana. It is recognized that the climatic conditions in Northern Montana vary little, if any, from the severe winter conditions of the Canadian West.

This particular stock, under normal conditions, will stand the rigors of our winter and give A 1 results. Like stock No. 3253 offered above it will yield more tonnage per acre than the variegated types.

1 lb. postpaid	10 lbs.	25 lbs.	50 lbs.	100 lbs.
55c	\$4.10	\$9.60	\$18.75	\$37.00

Alfalfa Mixed with Sweet Clover

We wish to observe that it is almost impossible to secure choice Montana Grown Alfalfa without an odd kernel of Sweet Clover being mixed in same. In Alfalfa growing districts, this is not considered detrimental. The Sweet Clover plant becomes extinct after the second year if not allowed to seed. We would further remark that during the past two years the general attitude toward Sweet Clover has entirely changed and its true value is being recognized.

Ask for Special Booklet "Alfalfa in Western Canada"—free to customers.

ALFALFA SEED

Forage Plant (*Medicago sativa*)

Turkestan

3255—In view of the shipping complications, due to the war, we consider ourselves fortunate in being able to offer this season a splendid stock of Turkestan variety. This stock possesses the distinct appearance of true Turkestan as it has that sheen appearance which is manifest on no other variety of Alfalfa. It might be observed that after the Turkestan variety has been grown in this country that the seed produced loses that peculiar sheen color that the stock previously had when imported from Turkestan.

Having been grown in high altitudes this variety seems quite suitable to the adverse climate and the soil conditions common to our Canadian West.

Its strong robust habit of growth combined with its hardiness entitle this variety to a leading place. Many of the largest and most experienced growers use it extensively and prefer it to any other.

This genuine Turkestan Seed is a very fine sample and will please the most critical buyer.

1 lb. postpaid.	10 lbs.	25 lbs.	50 lbs.	100 lbs.
55c	\$4.10	\$9.50	\$18.50	\$36.50

Grimm (*Medicago media*)

3257—Undoubtedly this variety whether justly meritorious or otherwise, has in recent years attracted the attention of Alfalfa growers more than any other variety.

It is said that a small seed stock, sufficient to raise a few plants, was brought to one of the Northern States of America from Europe a little over forty years ago. In recent years great care and watchfulness has been exercised in the further development of this variety. It possesses a variegated flower, a very branching root system, the plant itself being of spreading habit. One of its distinctive characteristics is ability to withstand the rigor of a Canadian West winter. The seed of this variety has usually commanded nearly twice the price of any of the "blue flowered" varieties.

We have never in the past had such a splendid stock of Grimm as this season. The seed is plump, and both uniform in size and color, of high germination and purity. It will not fail to please the most critical Alfalfa expert.

1 lb. postpaid	10 lbs.	25 lbs.	50 lbs.	100 lbs.
\$75c	\$5.50	\$13.50	\$26.25	\$52.00

Liscomb (*Medicago media*)

Variegated

3320—This excellent variety, introduced by us in 1916, has fully justified all we claimed. It belongs to the same type as the noted Grimm variety, having the variegated flower, receding root crowns and the branched roots, and is eminently suited to our Western Country on account of its hardiness, which is characteristic. It has given every evidence of ability to resist winter killing and withstands drought. Studies and experiments in Alfalfa during the recent years have brought a new era in Alfalfa production. This grand variety has already eclipsed some of the older sorts. The demand for hardy seed is bound to increase and Liscomb will undoubtedly meet it.

Professor Atkinson of the Montana Agricultural College who personally inspected the field from which our stock was procured, writes in the following terms regarding it:

"I was very much interested in the alfalfa seed field on your Section 20. Believe you spoke of this as the Liscomb field. From my examination of the plant, it is quite evident that this belongs to the same strain as the Grimm. It has the variegated flower, the receding root crowns and the branched roots. These characters are quite marked, and I think you will be justified in stating that this belongs to the same species as the Grimm, i.e., the *Medicago media*. As you probably know Grimm Alfalfa merely gets its name from the man on whose farm it first became prominent. The *Media* species is evidently a cross between the Common purple-flowered alfalfa (*Medicago sativa*) and the yellow, trailing alfalfa (*Medicago falcata*). The cross seems to combine the hardiness of the yellow-flowered variety with the productiveness of the other and seems quite to excel all other species in many sections of the country."

Our stock of Liscomb is extra fine. The seed is specially cleaned, well developed, uniform in color and size, just that kind of stock that the moment the eye rests upon it one is attracted by its splendid appearance as being the choicest of seed.

1 lb. postpaid	10 lbs.	25 lbs.	50 lbs.	100 lbs.
70c	\$5.40	\$13.15	\$25.75	\$51.00

Cossack or Siberian

3321—Prof. Hansen, who discovered this in Siberia, and Prof. Bracken of Saskatoon, both hold high opinion of it and predict it will become one of the leading varieties in the near future. The same type as Grimms, viz.:—variegated, and the fact that it was found growing wild on the Siberian plains proclaims its hardy constitution. It is a tall growing variety more suitable for hay than pasture. Try the following as an experiment—sow a small quantity mixed with either our Stock No. 3253, Stock No. 3233 or Turkestan. The pollen of the purple-flowered will be carried to the variegated. Cossack is a very free seeder, much more so than either of the others. This will ensure regular renewal of the crop by the annual growth from self-sown seed, and would doubtless result in the evolution of a harder and acclimatized type. The seed we offer is the genuine product of the original stock. Quantity available limited.

1 lb.	5 lbs. postpaid	10 lbs. or more by express at purchaser's expense, per lb.
\$1.40	\$7.00	\$1.30

Prices quoted are f.o.b. Brandon except where otherwise noted

Western Grown

3325—We have a fairly generous stock of Western Grown Alfalfa saved from crops grown in Alberta and Manitoba. It is the blue flowered type—very hardy. The seed we offer is clean, plump, bright and of high vitality. We recommend early ordering.

1 lb. postpaid	10 lbs.	25 lbs.	50 lbs.	100 lbs.
.65	\$4.75	\$11.50	\$22.75	\$45.00

PHOTOGRAPHED BY
A. E. MCKENZIE
Co., LTD.



Inoculation.
Use our "Inoculation Bacteria" for Alfalfa. It ensures Success. To raise the biggest and best crops it is essential. See page 88 for full particulars and prices.

Tested Re-cleaned

Clover Seeds



Sweet Clover

(Melilotus alba)

Sweet Clover has been attracting considerable attention in the West for the last few years. It has grown voluntarily along the roadsides under adverse conditions for a long time. As a cultivated crop it has probably sprung into prominence more rapidly than any other.

Although called Sweet Clover it has not much in common with the true clovers represented by the Red, White and Alsike varieties. As a matter of fact it is more related to Alfalfa than to any other leguminous plant.

When the utilization of Sweet Clover as a forage crop was advocated a few years ago there were many who doubted the advisability of using it, and a number were openly opposed to it. Experience has shown that it is one of the most valuable legume crops.

Sweet Clover is biennial, i.e., lives two years.

It can be grown successfully on almost any kind of soil and it thrives surprisingly well in sandy fields, stiff clay, sour soil, alkali land and in many other places where most farm crops are a failure.

Sweet Clover helps to maintain the nitrogen supply in the soil; it makes good hay; and it produces a large amount of valuable seed for which there is a ready market.

It makes excellent pasture for all kinds of stock. It also one of the greatest soil builders known.

3273—

(Postpaid)

1 lb.	10 lb.	25 lbs.
60c	\$4.00	\$9.50
50 lbs.		100 lbs.
\$18.50		\$36.50

Common Red (Trifolium pratense)

The use of Clovers in mixtures with grass seeds is slowly, but nevertheless surely, becoming more general in the West. Common Red is undoubtedly the most popular and valuable. Its adaptability and robust habit of growth make it particularly desirable. Sown alone or with a nurse crop of Barley, Oats or Rye it is very hardy. Imparts new vigor to the soil. No fodder plant surpasses the Red Clover in importance. It is only by the use of Northern Grown Seed that the more general use of Clover in the West has become possible. Its ability to withstand adverse climatic and soil conditions makes it of special value. Our seed is re-cleaned, of exceptional purity, tested for germination, fine color, plump and guaranteed to be Genuine Northern Grown.

3259—Gold Standard.—1 lb. 60c, postpaid, 25 lbs. \$10.60, 50 lbs. \$20.75, 100 lbs. \$41.00.

3260—Gilt Edge.—25 lbs. \$10.10, 50 lbs. \$19.75, 100 lbs. \$39.00.

Mammoth Red

Somewhat later than Common Red. Is very valuable for fertilizing purposes and restoring humus to the soil. Like our Common Red, the seed is Northern Grown, producing a quality unequalled for hardness.

3270—Gold Standard.—1 lb. 60c, postpaid, 25 lbs. \$10.60, 50 lbs. \$20.75, 100 lbs. \$41.00.

White or Dutch (Trifolium repens)

There is no clover more valuable for pasturage than White Dutch and it should have a place in pastures on all soils. It stands continuous grazing better than any other clover but should never be sown alone. It is frequently used in Lawn Grass Mixtures. Flourishes well on soils rich in humus, and is of high nutritive value. It is hardy, deep rooting and drought resisting.

3261—Gold Standard.—1/2 lb. 50c
1 lb. 85c, postpaid, 10 lbs. or
more 70c per lb. at purchaser's expense.

3272—Gilt Edge.—1/2 lb. 45c,
1 lb. 75c postpaid, 10 lbs. or more
60c, per lb. at purchaser's expense.

Alsike (Trifolium hybridum)

Has proven of incalculable value throughout the West, where its cultivation is becoming more general. It grows as tall as Red Clover and produces abundant crops. It is valuable for either hay or pasture. Alsike is very leafy, frequently producing as much hay as Mammoth Red. Is well suited to our seasons. Thrives best in moist seasons and succeeds better than any Clover on heavy soils. Our Northern Grown Alsike withstands severe changes of climate and a more hardy strain is unobtainable.

3275—Gold Standard.—1 lb. 55c,
postpaid, 25 lbs. \$9.25, 50 lbs.
\$18.25, 100 lbs. \$36.00.

3276—Gilt Edge.—25 lbs. \$9.10,
50 lbs. \$17.75, 100 lbs. \$35.00.



Crop of Sweet Clover

About Scarified Seed

A great aid to increase the yield of Clovers is to sow scarified seed. Much more has, however, been written about elaborately designed machinery for this comparatively simple process than the subject calls for. There is nothing new about it—it simply means dressing the seeds in order to thin the hulls or shells of "hard seeds" (of which there is always a percentage varying from 5% to 30%), so that they will germinate instead of lying dormant in the ground. We are equipped to supply all our clover seed "scarified" at an advance of 2c per pound on the above quoted prices.

McKENZIE'S CHOICE FLOWER SEEDS



Beautify
Western
Homes

Make the
Garden
Gay

Showy Flowers for Backgrounds and Borders

Achillea
Aconitum
Antirrhinum
Anthemis
Aquilegia
Arctotis
Campanula
Canterbury Bell
Carnation
Celosia
Centaurea
Chrysanthemum
Coreopsis
Delphinium
Dimorphotheca
Gaillardia
Helianthus
(Sunflower)
Hollyhock
Kaulfussia
Kochia
Larkspur
Lathyrus latifolius

Linum
Lupinus
Lychnis
Malope
Marvel of Peru
Nicotiana
Nigella
Oenothera
Pentstemon
Platycodon
Rhinus
Rudbeckia
Salpiglossis
Scabiosa
Schizanthus
Silene
Statice
Stocks
Stokesia
Sweet Sultan
Sweet William
Veronica
Vinca

Climbing Plants

Balloon Vine
Canary Bird
Cobaea Scandens
Convolvulus major
(Morning Glory)
Dolichos
Humulus

Momordica Balsamina
Nasturtium Tall
Nasturtium Lobbianum
Sweet Peas
Thunbergia
Wild Cucumber

Flowers for Potting

Abutilon
Asparagus
Begonia
Calceolaria
Carnation
Cineraria
Coleus

Cyclamen
Fuchsia
Geranium
Gerbera
Primula
Solanum

Showy Flowers for Beds and Massing

Aster
Calliopsis
Calendula
Dahlia
Dianthus (Pinks)
Eschscholtzia
Gaillardia
Godetia
Hunnemannia
Mignonette

Marigold
Nasturtium Dwarf
Nemesia
Petunia
Phlox
Poppy
Pyrethrum hybridum
Verbena
Virginian Stock
Zinnia

The undernoted grouping shows the varieties suitable for special purposes.

Annuals grow from seed, bloom and die the first season. They give best results if started in shallow boxes about four weeks before time for outdoor transplanting. Biennials bloom the second season then die. Perennials bloom the second season and continue to grow and bloom for many years. Upon every packet of seed we supply will be found full cultural instructions.

Abbreviations—The initials bear the following significations:

H.A.—Hardy Annuals.
H.H.A.—Half Hardy Annuals.
H.B.—Hardy Biennials.
H.P.—Hardy Perennials.
H.H.P.—Half Hardy Perennials.
H.C.—Hardy Climbers.
H.H.C.—Half Hardy Climbers.
G.P.—Greenhouse Plants.

Your Home—

Every Home Needs Beautiful Flowers

A poor garden of one's own is better than a good garden in which one may not dig. Many a poor soul has more help from a plant in the window than another has in a plantation made by a gardener.

McKENZIE FLOWER SEEDS

produce a wealth of lovely blossoms to enjoy and they make the labor easy.

Plants for Hanging Baskets, Vases, Verandah Boxes, etc.

Asparagus Sprengeri
Abronia umbellata
Convolvulus
Mauritanicus
Geranium

Heliotrope
Lobelia Tenuior
Nasturtium Dwarf
Schizanthus
Thunbergia

Flowers for Bouquets

Asparagus
Asperula
Aster
Chrysanthemum maximum
Chrysanthemum New
Perennial

Carnation
Cosmos
Gypsophila
Honesty
Nigella
Ornamental Grasses
Schizanthus

Flowers for Cutting, Suitable for House Decorations

Achillea
Anthemis
Aquilegia
Arctotis
Argemone
Asters
Calliopsis
Campanula
Centaurea
Chrysanthemum
Cosmos
Dahlia
Delphinium
Dianthus
Dimorphotheca
Eschscholtzia
Gaillardia
Helianthus (Sunflower)
Hunnemannia

Larkspur
Marigold
Mignonette
Nasturtium
Ornamental Grasses
Pansy
Pentstemon
Platycodon
Pyrethrum hybridum
Rudbeckia
Scabiosa
Schizanthus
Statice
Stevia
Stocks
Stokesia
Sweet Peas
Zinnia

Flowers for Cemetery

Alyssum
Aster, white
Bellis perennis Mammoth White
Campanula persicifolia
alba Backhousiana
Chrysanthemum maximum

Candytuft Empress
Chrysanthemum New Perennial
Geranium
Pansy
Phlox, white
Stocks 10 weeks, white
Vinca alba

Flowers for Edging

Ageratum
Alyssum
Arabis Alpina
Bellis perennis
Forget-me-not (Myosotis)
Lobelia

Marigold, Legion of Honor
Pansy
Portulaca
Pyrethrum aureum
Verbena erinoides

Flowers for Wreaths and Winter Bouquets

Rhodanthe
Xeranthemum

Acroclinium
Helichrysum

Have a *better* "Out of door home" this year.—Plant McKenzie Seeds.

The Most
Popular
Flower in
the World

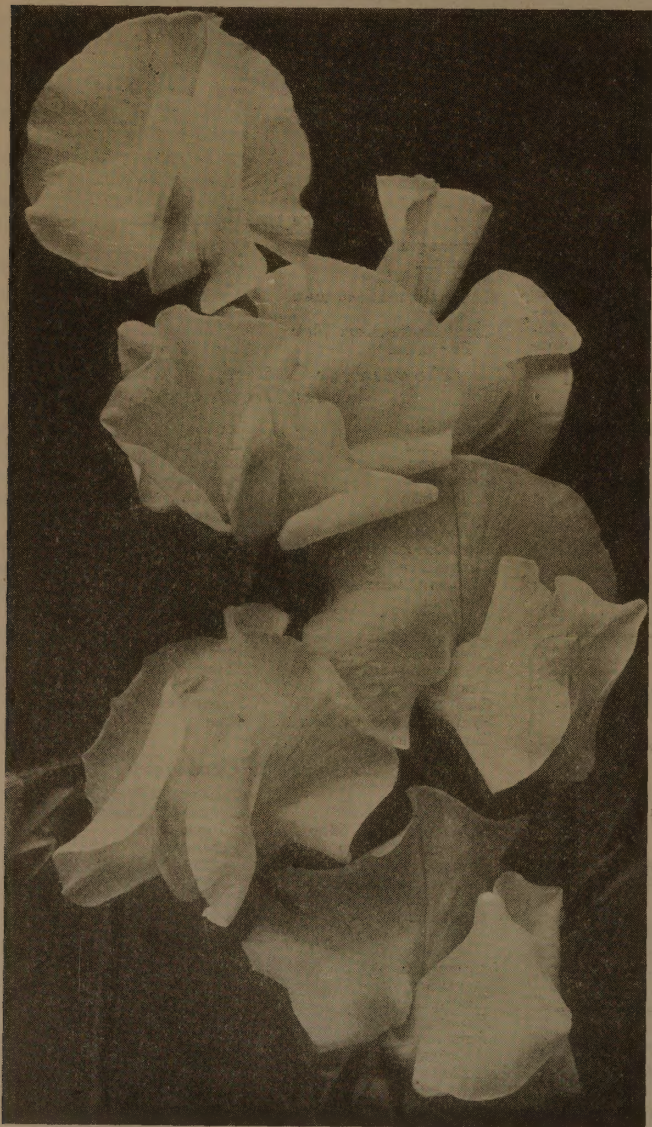
McKenzie's Sweet Peas

The history of the Sweet Pea is so replete have been written about this captivating flower, flowers until now it challenges the Rose for supremacy as the emblem of all that is delicate and sweet. Sweet Peas are planted in nearly every home garden throughout the West, and McKenzie's special selections are growing more popular each year on account of the loveliness of the novelties recently offered. There appears to be no finality to the improvements and new creations of exquisite form and color which are introduced year by year. Realizing that there is likely to be a greater general demand for Choice Mixed Sweet Peas of First Grade Quality that can be relied upon to produce the greatest variety of form and color, we first direct your attention to our mixtures.

McKenzie's Mixed Spencers

3060—Absolutely the Grandest Mixture you can grow. There are many who wish to obtain a continuous and varied supply of bloom who find it somewhat expensive to purchase all the named varieties of their own choice, and it is to these customers McKENZIE'S MIXED SPENCERS will appeal. The colorings are artistically charming, ranging from daintiest white, purest and most delicate pinks, to beautiful crimson and darkest maroon. The immense size, exquisite color and grotesque shapes, combined with their exceptional hardness make their culture a delightful pastime. Sweet Peas are a specialty with us. Pkt. 10c, oz. 30c, ¼ lb. 95c, ½ lb. \$1.75, 1 lb. \$3.25.

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



May Campbell

McKenzie's Prize Mixed Grandifloras

2988—Next to the Spencers, we point with pride to these majestic beauties. The flowers are immense, beautiful and striking, with a richness of unmatchable effect.

The large round open flowers are fine for cutting. Like the Spencer Sweet Peas, the Grandiflora types are being continually improved, more perfectly developed and new tints produced. Delicately sweet scented, with a wonderfully deep rich range of color. Of a strong, vigorous growth, they bloom continuously until late fall, withstanding considerable frost. Pkt. 10c, oz. 20c, ¼ lb. 50c, ½ lb. 85c, 1 lb. \$1.50.

Eckford's Hybrids Mixed

2998—This mixture of international reputation is composed of the largest flowered or Grandiflora type of Sweet Peas, and an immensely wide range of magnificent colors in well-balanced proportions. Pkt. 5c, oz. 15c, ¼ lb. 35c, ½ lb. 65c, 1 lb. \$1.00.

Laura Bell Superb Mixed

2993—This strain of improved large flowering Sweet Peas is composed of the highest types of named sorts, with a beautiful range of colors mixed to a perfect blend, many of them the newest and best hybrids, remarkable for their beauty, size, form and sweetness. Pkt. 5c, oz. 15c, ¼ lb. 40c, ½ lb. 65c, 1 lb. \$1.25.

Cupid Mixed

2999—A very popular dwarf Sweet Pea in a choice array of colors, suitable for pot culture or for the edgings of a flower border. July-September. Pkt. 5c.

Five Newest Spencers for 1918

Edith Taylor

Postpaid
Per pkt.

3350—One of the best Spencer types. A soft salmon rose self. Produces flowers of largest size. Very consistent in shading on both standard and wings. A distinct and beautiful variety which will undoubtedly become a standard for the West. 25c.

Margaret Fife

3351—The introducer describes this variety as "A bright Aubretia blue." Very similar to Wedgewood Spencer but a clearer blue. One of the most charming Sweet Peas ever raised. 25c.

May Campbell

3352—A very nice type of Primrose color marbled with light carmine pink. One of the most beautiful Sweet Peas of the flaked and striped class. Grows a bold and handsome standard. 25c.

Old Rose

3353—A Rose du Barri Spencer. Growers original stock produces dark colored vines but some have light colored vines. It is an improved form of that well-known variety "Decorator." Awarded a certificate of merit by the National Sweet Pea Society. 25c.

Warrior

3354—Introduced by that well known English grower, Mr. J. Stevenson. Will undoubtedly lead in the Maroon color—in fact growers report it has already a preferred demand. Similar to "Nubian" and "King Manoel" but better and more up to date than either. 25c.

Ask for our free pamphlet, "Sweet Peas and their Culture."

Captivate The West

Keep on Cutting

Sweet Peas will grow practically anywhere. The more flowers you cut the more they bloom.

New Spencers Offered in 1917

VICTORY

3018—One of the largest Sweet Peas. The standard is heliotrope flushed hydrangea pink, wings lavender. Four and five bloom sprays are invariably produced, and the flowers are artistically placed on long stems: a gem for exhibition. Per pkt. **25c.**

SURPRISE

3013—Color a rich pink, the nearest description being "shrimp pink." The flower is well frilled, and has a satiny appearance, will make an effective bunch for exhibition, also a pretty table decoration. Very vigorous, free flowering. Per pkt. **60c.**

VERDUN

3019—Another delightful Sweet Pea. The standard is pure rich rose-crimson, while the wings are deep rose. The plant is extremely vigorous and four-bloom sprays are abundant; will make a telling bunch for exhibition. Per pkt. **60c.**

RED ISOBEL

3012—A seedling from "Isobel Malcolm" x "Red Star." It has the vigor of the former, and its characteristic four-stemmed sprays. The color is strikingly brilliant, and absolutely sunproof. Per Pkt. **60c.**

ROBERT SYDENHAM

3037—A glowing orange salmon self, an exceptionally strong grower producing four flowers on a stem. The best and largest of this shade of color. Per pkt. **50c.**

THE PRESIDENT

3020—One of the brightest colored sweet peas, producing very large size flowers on robust stiff stems. Beautifully waved. Color a glowing scarlet self. Pkt. **50c.**

HILARY CHRISTIE

3027—A delightful flower of exquisite form, grows a good size. Excellent for decoration. Color salmon-orange with edge of fiery orange scarlet, wings rosy salmon. Pkt. **50c.**

Spencer Beauties of Recent Introduction

ADMIRAL JELICOE

3051—One of Eckford's which in itself is an assurance of something good. A beautiful new azure blue of fine shape. Slightly waved. Grows vigorously. Per pkt. **50c.**

ALFRED WATKINS

3000—A pure, clear, clean lavender. Distinct. Raised by one of the leading Sweet Pea Growers and is in great demand. Pkt. **25c.**

DOBBIE'S CREAM

3043—A very popular, fine large primrose Sweet Pea. Highly recommended. Pkt. **15c.**

EDWARD COWDY

3001—A glowing orange scarlet of the largest size, producing four flowers to a stem: well waved and of exquisite form. Pkt. **25c.**

FIERY CROSS

3002—A scorching fire red, without any shading, which scintillates and glitters in the bright sunlight, thus adding a glowing, fire-like sheen which radiates over the flower. Produces beautifully waved and fluted flowers. Pkt. **25c.**

HELEN PIERCE

3054—Helen Pierce is most fascinating. Our strain is the best. It is a bright blue, overlaid and marbled on ivory white. Pkt. **10c.**

HERCULES

3038—A choice sort of the later introductions, well deserving the attention it has aroused. Grows flowers of great size and substance—color pale rosy pink. Pkt. **10c.**

JESSIE CUTHBERTSON

3055—One of the most attractive and striking Spencer Sweet Peas. It is a primrose ground, well marked with crimson pink stripes, blotches and flakes. The general effect is one of golden rose. Pkt. **10c.**

KING MANOEL

3028—One of the best of its type producing very large flowers of a rich, deep maroon color—an excellent variety. Pkt. **10c.**

KING WHITE

3004—This strain exceeds any of the previous whites in size, shape and beauty. Awarded certificate of merit by Royal Horticultural Society, England. Pkt. **15c.**

LORD NELSON

3005—Of rich, deep, navy blue color. An excellent variety destined to become very popular. Pkt. **10c.**

MARGARET ATLEE

3025—Conceded the largest and finest Sweet Pea yet introduced. Rich, rosy, salmon-pink on creamy buff. Pkt. **10c.**

NEW MIRIAM BEAVER

3026—One of the greatest acquisitions to the already long list of colors. It is a bright apricot pink on a primrose ground, deeper at the margins and a pure primrose at the base. Perfect Spencer shape. Four blossoms to the stem. Pkt. **15c.**

NORVIC

3006—One of the largest flowers and best strains of White Spencer Sweet Peas yet introduced. Very large blooms, exceptionally well waved. Quite fixed in character. Pkt. **15c.**

ORANGEMAN

3007—A very fine large-flowered variety of true Spencer form. Rich deep orange color, beautifully waved. Pkt. **35c.**

ROYAL PURPLE

3050—The same shade does not exist in the Grandiflora types of Sweet Peas. It is a true Spencer type and the color is a rich royal purple. We advise every lover of the beautiful in sweet peas to grow this. Pkt. **25c.**

VEILED BRIDE

3061—This is exquisite and unique in its markings. The standard and wings are true Spencers. Veiled Bride has an ivory ground sprinkled and marbled with light pink. Crop failed.

WEDGEWOOD

3049—A beautiful wedgewood blue. One of the most exquisite Sweet Peas ever introduced. Pkt. **10c.**

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



Surprise

McKenzie Sweet Peas are the cream of the latest creations of this popular flower.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

Spencer Sweet Peas

Carmine Rose and Scarlet

	Pkt.	Postpaid. Oz.	¼ lb.
3029—APPLE BLOSSOM. Carmine rose with creamy blush wings, extra large. Usually four flowers to a stalk.....	.10	.50	\$1.50
3035—GEORGE HERBERT. A large carmine rose of excellent shape with deep rose wings.....	.10	.50	1.50
3030—JOHN INGMAN. A bright carmine rose with deep rose wings, beautifully fluted, of large size and excellent form....	.10	.50	1.50
3031—KING EDWARD. A deep rich carmine scarlet of glossy effect, retaining its colors well. Flowers freely and one of the very best.....	.10	.50	1.50
3032—MARIE CORELLI. A rich rosy carmine with large wavy standards; the wings are very full. Quite distinct. Usually bears four flowers to a stem and all are large and perfect shape.....	.10	.50	1.50
3036—PARADISE RED FLAKE. A bright red flake on white ground. Very attractive.....	.10	.50	1.50
3033—QUEEN ALEXANDRA. One of the best of the intense bright scarlet selfs. Charmingly waved and fluted.....	.10	.50	1.50
3034—RUBY. The wings and standards are handsomely veined and curled. The immense flowers are a glorious deep ruby scarlet color.....	.10	.40	1.25

Striped and Flaked

3056—AURORA. Deep salmon flake on white ground.....	.10	.50	1.50
3057—GAIETY. Light magenta rose, striped, on ivory white ground. Beautifully ruffled or crinkled.....	.10	.50	1.50
3058—MRS. JOSEPH CHAMBERLAIN. Heavily flaked and splashed with bright rose on white ground. A fine, large waved variety.....	.10	.50	1.50
3059—SENATOR. The color is a varying combination of deep claret and chocolate, striped and flaked on a ground of light heliotrope. Flowers are of gigantic proportions.....	.10	.50	1.50

Maroon, Magenta and Mauve

3044—AFTERGLOW. A fascinating color difficult to describe, standard is bright violet with a shading of rosy amethyst, wings more of an electric blue.....	.10	.50	1.50
3045—BLACK KNIGHT. A charming variety of large form and intense deep maroon coloring, fine wavy standard and wings. The best dark variety.....	.10	.50	1.50
3046—MRS. CHAS. MANDEK. A dark magenta colored self, wings plum color. Flowers abundantly and of excellent form.....	.10	.40	1.25
3047—MRS. WALTER WRIGHT. A beautiful rosy mauve with exquisitely fringed standard and brighter fluted wings, of great delicacy and beauty.....	.10	.40	1.25
3048—NUBIAN. Maroon or deep chocolate colored self. A magnificent flower of exquisite form, large size and great substance.....	.10	.50	1.50

Picotee Edged

3052—EVELYN HEMUS. A charming Picotee edged variety, the pink edging showing up distinctly on a buff ground. Flowers usually in fours.....	.10	.50	1.50
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White

3003—WHITE. The best of the pure white waved flowers, of a truly gigantic size, produced in great profusion.....	.10	.40	1.25
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Pink

3021—COUNTRESS. The first Spencer variety introduced and still regarded as one of the best. Indispensable in a collection. Flowers produced usually four to a stem, color, a charming soft pink, becoming darker towards the fringe of the petals.....	.10	.40	1.25
3022—DUPLEX. A distinctly new class with large wavy flowers, standard and wings a rich creamy pink. Each stem has sprays of usually four flowers, and frequently the two bottom flowers are of double formation.....	.10	.50	1.50
3023—FLORENCE MORSE. A delicate blush with a deeper suffusion of pink towards the edges. Flowers are produced on stiff wavy stems and particularly uniform.....	.10	.50	1.50
3024—PARADISE. Similar to Countess, but deeper in shade.....	.10	.50	1.50

Lavender

3039—ASTA OHN. A lovely soft lavender, suffused with pink flowers deeply fluted, very free flowering.....	.10	.50	1.50
3041—FLORA NORTON. An attractive shade of clear light blue, slightly tinged with purple. Standard large and beautifully waved.....	.10	.50	1.50
3042—MARGARET MADISON. A pale lavender blue self, exquisite color and substance of flower, a strong grower.....	.10	.50	1.50

ABOUT SWEET PEA CROPS

At the time of preparing copy for these pages there was every prospect of obtaining delivery from our growers of all newest Spencer varieties, but we regret owing to partial or total crop failure we have been obliged to omit some of them altogether.

White Spencer

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

Asta Ohn

Plant McKenzie Seeds—you cannot do better—you might do worse

Spencer Sweet Peas (Cont'd)

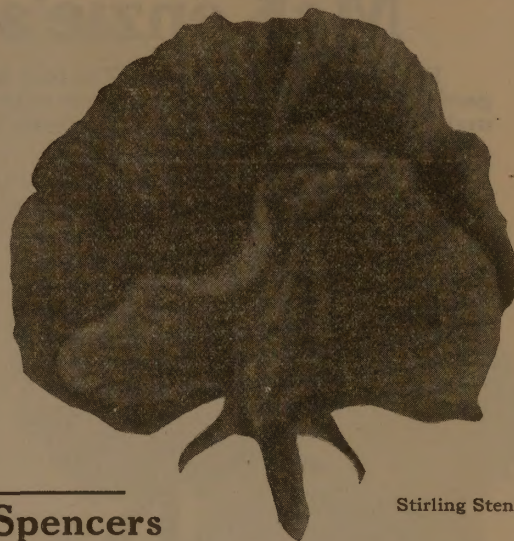
PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

White Edge Pink

	Pkt.	oz.	1/4 lb.
3008—DAINTY SPENCER. A charming white flower, edged pink, quite distinct.	.10	.50	1.50
3009—MRS. HARDCASTLE SYKES. Daintily tinted and edged with pink on a blush ground, fine form.	.10	.40	1.25
3010—MARTHA WASHINGTON. The color is pure white, while the edges are picoteed with a deep rose, which gives a most charming effect.	.10	.50	1.50

Orange, Primrose and Buff

	Pkt.	oz.	1/4 lb.
3014—HELEN LEWIS. A distinct variety with a large, broad, wavy orange standard and rosy-orange wings. One of the best of the Spencers.	.10	.50	1.50
3015—MRS. ROUTZAHN. Flowers are of the largest form and beautifully waved and crimped. Buff or apricot color, suffused with delicate pink, deepening towards the edges.	.10	.50	1.50
3016—PRIMROSE. Deep primrose or creamy yellow, of large size, frequently producing four flowers to a stem.	.10	.50	.50
3017—STIRLING STENT. Deep salmon, or salmon orange self. One the best.	.10	.50	1.50



Stirling Stent

Early Flowering Long Season Spencers

It was generally supposed among sweet pea experts that the peculiar merits of this strain adapted it more particularly to tropical and sub-tropical countries where the ordinary Spencers did not succeed well. For this reason we hesitated in introducing until we were more certain of its suitability, as many of our customers depend upon sweet peas as their principal source of supply of cut flowers.

Information we have assembled leads us to believe that early flowering Long Season Spencers are worth a trial, and in an ordinary season will considerably extend the period during which these charming flowers may be gathered. We offer some of the most recent introductions:

- 3371—BRIDAL VEIL. A Fine White of superb form and quality. Flowers borne in threes and fours on long stems. Pkt. **25c.**
 3372—MRS. A. A. SKACH. Beautiful light pink of splendid Spencer form. One of the best earlies. Pkt. **25c.**
 3373—FORDHOOK ROSE. A good bright carmine, very floriferous. Pkt. **25c.**

- 3011—YARRAWA. Originated in Australia. Flowers exquisitely waved produced in fours on extra long stems. Color bright rose pink with a clear creamy base. Pkt. **25c.**

- 3374—EARLY FLOWERING CHOICE MIXED. A combination of the best colors in this section which will become very popular. Pkt. **15c.**

McKenzie's Selected Grandifloras

The Spencer (or waved) types are slowly but, nevertheless, surely taking precedence over the grandifloras. As a result, hybridizers have relaxed their enthusiasm for the latter, but as there still exists many staunch admirers of Grandifloras, we continue to offer those varieties which in our opinion produce the finest blooms. The Grandifloras are very free flowering, and if anything more robust than the Spencers.

POINTS ABOUT GROW- ING SWEET PEAS

1. Sow the seeds in double row from four to six inches apart thus:

* * * * *

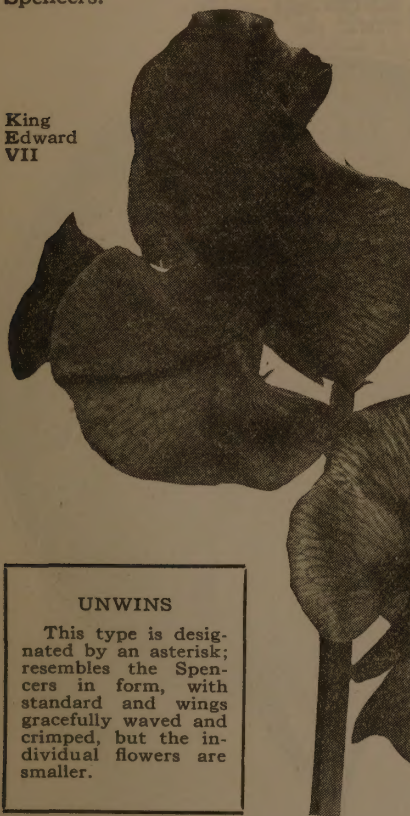
About 14 seeds will suffice per yard double row as shown

2. Sow the seeds in suitable soil in a sunny situation.

3. Plant not less than two inches deep and draw the soil up to the plants when they are about three inches high.

4. Sweet peas need plenty of room, so don't crowd them when sowing the seed.

5. Remember, the more you cut the more they will bloom. Keep on cutting.

King
Edward
VII

UNWINS

This type is designated by an asterisk; resembles the Spencers in form, with standard and wings gracefully waved and crimped, but the individual flowers are smaller.

White

	Pkt.	oz.	1/4 lb.
2922—DOROTHY ECKFORD. A pure snow white extra size.	.05	.30	1.00
2923—WHITE WONDER. Very profuse bloomer.	.05	.30	1.00

Primrose and Buff

2928—MRS. COLLIER. A charming primrose self.	.05	.25	.60
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Orange and Salmon

2934—BOLTON'S PINK. Large orange pink standard with wings of a pale rose.	.05	.25	.60
2936—MISS WILMOT. A salmon pink delicately shaded rose.	.05	.25	.60

Pink

2941—*GLADYS UNWIN. Light pink; an exquisite shade. Standards beautifully waved and crimped.	.05	.25	.60
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Rose

2947—PRINCE OF WALES. A rich deep rose self; quite distinct.	.05	.25	.60
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Scarlet, Crimson and Cherry

2957—*CHRISSY UNWIN. Crimson scarlet, flowers large and waved.	.05	.25	.60
2959—KING EDWARD VII. A deep rich carmine scarlet. Very effective.	.05	.30	1.00
2944—QUEEN ALEXANDRA. A bright crimson scarlet self.	.05	.30	1.00

Dark Blue, Purple and Maroon

2970—BRILLIANT BLUE. A rich dark navy blue standard, wings tipped gentian blue.	.05	.30	1.00
2948—BLACK KNIGHT. Bold, upright dark bronzy chocolate standard. One of the best dark varieties.	.05	.30	1.00
2949—MRS. WALTER WRIGHT. Fine bold flower. Color a rosy mauve or rosy purple.	.05	.30	1.00

Lavender

2967—LADY GRISEL HAMILTON. A very popular lavender self, undoubtedly the best in this shade.	.05	.30	1.00
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Picotee Edge

2977—DAINTY. White ground, edged pink. Very fine.	.05	.30	1.00
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Mottled and Flaked

2983—HELEN PIERCE. Mottled and veined bright blue on a white ground.	.05	.30	1.00
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McKenzie Seeds are dependable—They fulfil every claim.

McKenzie's Flower Seed Specialities

Everybody Loves Flowers. The love of gardening must increase to the end of time. With the better knowledge of plants, gardeners are interesting themselves with learning about the most suitable varieties. McKenzie's Flower Seeds are helping to make the homes of Western people gay, brighter and in closer concord with nature at its best. Specially selected for the West.

PHOTO-
GRAPHED BY
A. E.
MCKENZIE
CO., LTD.



Aster,
Ostrich Feather

Giant Comet

(H.H.A.) All the high qualities combined in one

Asters, particularly Comet, are becoming more generally grown than ever. To their ease of culture and profusion of bloom unquestionably are due their increasing use.

Nor is the "ease of cultivation" or the "profusion of bloom" its most meritorious qualities; far from it. It is the exquisite beauty of the flower itself, rivalling as it does even the "gorgeous Chrysanthemum" both in size, appearance, and beauty.

We have wonderfully improved our "Giant Comet." The strain is perfect, the forms exquisite, the size immense, the petals are beautifully curved and recurved, like its name resembling a beautiful ostrich plume, averaging 4 inches across.

Pkt.	Pkt.
1743—PURE WHITE.....10c	1747—CRIMSON.....10c
1744—ROSE.....10c	1748—LIGHT BLUE.....10c
1746—CHOICE MIXED.....10c	1749—BRILLIANT CARMINE.....10c

American Branching

(H.H.A.)

This is the great favorite with the ladies, as its long stems peculiarly adapt it to home and table decoration, and late blooming.

The flowers, of large size, usually about 4 inches across, of beautiful soft shades, are highly ornamental and attractive. The petals overlap in a convex manner, very similar to the Victoria and Queen of the Market.

It is a strong, robust grower, usually 18 to 24 inches high, of profuse blooming habit; like the Comet it becomes literally covered with bloom.

Pkt.	Pkt.
1778—PURE WHITE.....10c	1782—LAVENDER BLUE...10c
1779—SHELL PINK.....10c	1780—MIXED COLORS.....10c
1781—DEEP CRIMSON.....10c	oz. \$2, 1/2 oz. \$1.25, 1/4 oz. 85c 10c

Aster

Ostrich Feather

(H.H.A.) Rivals the Superb Chrysanthemum

The name of this type is suggestive of its exceptional beauty, for in every way but its round shape it reminds one of the graceful waving ostrich plume

This is a newer introduction than the Comet, considerably earlier, producing a greater profusion of bloom and a flower that rivals in size the well known Japanese Chrysanthemum.

Excepting the size, it is identical with the Comet in appearance: long, wavy, twisted petals, gracefully but loosely formed. Often mistaken for a big Chrysanthemum.

The plants, similar to Comet, are of luxuriant growth, about 24 inches high, each bearing from 30 to 60 blooms.

Florists are finding this very profitable, which we consider a testimonial of great value, as, when commercial growers take up with an extremely prolific, hardy annual of vigorous growth, flowers that flourish from the start in the open, it is time then that the growings of same for home use becomes general.

Pkt.	Pkt.	Pkt.
1787—PURE WHITE.....10c	1789—DARK BLUE.....10c	1791—AZURE.....10c
1788—CRIMSON.....10c	1790—SALMON.....10c	1792—CHOICE MIXED.....10c

Gigantic Crego

(H.H.A.) Queen of the Asters

You will note we call this "Gigantic" also "Queen of the Asters." "Gigantic Crego" certainly is "super-excellence" in the Comet Aster Class, frequently six inches across, the petals in many cases being double the length of the ordinary types, daintily twisted and curled in beautiful fluffy effects.

For a few cents' investment you will reap long months of joyous reward and continual pleasant surprises which present themselves when growing Crego.

The plant, like the flower, resembles the Comet, about 24 inches high and extremely prolific, casting bloom in the greatest profusion.

1797—SNOW WHITE, pkt....	10c
1798—SHELL PINK, pkt.....	10c

PHOTO-
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MCKENZIE
CO., LTD.



Aster, Giant Comet

Abbreviations—The initials bear the following significations—

H.A.—Hardy Annuals	H.H.A.—Half Hardy Annuals	H.B.—Hardy Biennials
H.P.—Hardy Perennials	H.H.P.—Half Hardy Perennials	H.C.—Hardy Climbers
H.H.C.—Half Hardy Climbers	G.P.—Greenhouse Plants	

For General List of Flower Seeds see also page 76.

Aster (Continued)

Victoria (H.H.A.)

It is a most noticeable fact, that practically every garden where Asters are grown has this type whether others are grown or not. It is particularly prized for bedding and large borders. Of pyramidal form, growing 18 to 20 inches high. It has so many points of excellence that exhibitors the world over give it a stated preference. A very free bloomer, exceptionally hardy and adapts itself readily to general culture throughout the Canadian West.

	Pkt.
1765—PURE WHITE.....	10c
1766—LIGHT BLUE.....	10c
1767—CRIMSON.....	10c
1768—FIERY SCARLET.....	10c
1769—APPLE BLOSSOM.....	10c
1771—DARK BLUE.....	10c
1772—ROSE.....	10c
1773—PURPLISH VIOLET.....	10c
1774—CHOICE MIXED.....	10c

Paeony Perfection (H.H.A.)

The pleasure in growing Asters is the diversity of types so radically distinct. Particularly true of the Paeony Perfection with its gracefully incurved petals, meeting at the centre. It produces a large magnificent flower, about 4 inches across, of the most perfect Paeony shape, ranging from pure white to glowing crimson. The plants are of pyramidal branching formation, about 18 inches high with a flower stem highly prized for bouquet or decorative purposes, producing bloom in great profusion.

	Pkt.
1754—PURE WHITE.....	10c
1755—CRIMSON.....	10c
1757—BRILLIANT ROSE.....	10c
1759—BRILLIANT SCARLET.....	10c
1760—DARK BLUE.....	10c
1761—CHOICE MIXED.....	10c

Single Aster Violet King (H.H.A.)

An exceptionally fine type for cutting

1860—It is a late flowering sort, coming into bloom just when the earlier bloomers are dropping out. It is an exceptionally sturdy grower of branching habit, resembling in growth and flower the American Branching. The color is an intense rich violet purple of attractive appearance.

It is one of the very finest for cutting. Pkt. **10c.**

Miss Roosevelt (H.H.A.)

1855—Of the Victoria type the formation is perfect, the closely arranged petals giving it a handsome double appearance. Very hardy, plants of 18-inch growth, suitable for borders and cutting. Color is a most charming primrose passing to flesh. Pkt. **10c.**



Ageratum

PHOTOGRAPHED BY
A. E. MCKENZIE
CO., LTD.



Victoria
Aster

Over
300,000
People use
McKenzie
Seeds
in Western
Canada
Why?

Artemesia (Saccorum Viridis) (H.A.) (Summer Fir)

1720—Like Kochia (Summer Cypress), it makes a beautiful garden and pot plant. It forms pyramidal bushes about 3 feet high. The color is a rich deep green. Withstands both drought and wet. Pkt. **10c.**

Achillea (H.P.) (Ptarmica Fl. Pl.)

1611—This beautiful white perennial of easy culture, grows about 2 feet high and from spring until frost is literally covered with bloom of the purest white double flowers. As a cut flower it is extremely prized. Pkt. **10c.**

Arabis (H.P.) Rock Cress

One of the best rock plants. Blooms very early in the spring. Pure white flowers. Especially adapted for edgings and covering banks. Very attractive and will enhance the appearance of any garden.

1708—ALPINA. Pkt. 5c.

Ageratum (H.H.A.) Little Blue Star

1635—Little Blue Star has almost entirely superseded the older types of Ageratum. It is a more compact and of dwarfer habit.

The name Ageratum meaning "ever young," refers to its ever blooming habit; it will remain fresh and perfect for a month outdoors, and considerably longer within. Naturally it is a popular favorite, and is excellent for borders and edgings, as the plants are neat, bushy and erect; about 4 to 5 inches high. The flower is a bright blue with a dark red centre. Pkt. **15c.**



Asparagus
Sprengeri

Asparagus Sprengeri (H.H.P.)

1728—This well known Emerald Feather Fern so generally used in hanging baskets for winter interior use and home decorations, follows closely in the wake of Asparagus Plumosus as a popular favorite. For outdoors in summer it has no superior. Pkt. 25c.

Alyssum Sweet Never Wanes in Popularity

Very similar in appearance to Candytuft and equally as popular for borders. It is equally prized for baskets, pots, terrace rock work, cutting and button holes.

A rapid grower and produces an over abundance of bloom. Is exceptionally hardy, in most cases lasting for several weeks after severe frost.

ALYSSUM is one of the few flowers of exceptional fragrance.

It is of very dwarf branching habit, the flowers so close that it resembles a sheet of white from a distance.

1646—MARITIMUM (H.A.). White. Oz. 30c. pkt. 5c.

1647—LITTLE GEM (H.A.). White. Oz. 75c. pkt. 5c.

1648—GOLDEN SAXATILE (H.P.). Brilliant Yellow. Pkt. 5c.

McKenzie's Superior Balsam

(H.H.A.) Resembles a Plant with Roses
Wrapped Round and Round

Aside from the exquisitely formed flowers, some of most gorgeous hue, the stems or branches instead of bearing in the usual manner are clustered closely from butt to tip with only the tips of the leaves protruding, thus giving the entire plant the appearance of one immense bloom, 18 to 24 inches high.

Balsam is a robust grower and should be given abundance of room. It makes an excellent border plant, and if started indoors will give a very early display.

1875—BRILLIANT SCARLET. Pkt. 10c.

1876—SNOWBALL. Pure White. Pkt. 10c.

1877—VIOLET SPOTTED. Pkt. 10c.

1878—PRINCE BISMARCK, brilliant salmon rose. Pkt. 10c.

1879—PRIMROSE. Pkt. 10c.

1880—ROSE SPOTTED. Pkt. 10c.

1881—McK.'s CHOICE MIXED, 1/2 oz. 60c. pkt. 10c.



Antirrhinum—"Queen of the North."

Antirrhinum (H.H.P.) Snap Dragon A most Fascinating Flower

In mixed borders or beds the long spikes with their clusters of rich, dazzling flowers of intense and varied colors form a most pleasing yet striking contrast when blended with other attractive plants.

The flowers have remarkable endurance, withstanding severe adverse weather, regaling in beautiful bloom throughout the entire summer.

Antirrhinum being a perennial should be started indoors early, which insures a profusion of bloom the first season. Where indoor sowings are not preferred, we suggest sowing during the summer for the following season.

Tall Giant Varieties

1681—BRILLIANT. Golden yellow and white. Pkt. 10c.

1682—FIRE KING. Scarlet with orange. Pkt. 10c.

1683—QUEEN VICTORIA. Snowy white. Pkt. 10c.

1684—STRIATUM. Striped. Pkt. 10c.

1686—FINEST MIXED. Pkt. 5c.

Dwarf Varieties

1691—BLACK PRINCE. Almost black with dark leaves. Pkt. 10c.

1693—GOLDEN QUEEN. Rich pure yellow. Pkt. 10c.

1694—QUEEN OF THE NORTH. Pure white. Pkt. 10c.

1695—FINEST MIXED. Pkt. 5c.

Bartonia aurea

A Fine Showy Annual

This plant produces bright yellow single flowers, about 2 1/2 inches across, very fragrant in the evening. It has thistle-like foliage which gives it a most attractive appearance. A valuable flower for table decoration.

1886—AUREA. Pkt. 5c.

White Cosmos, Lady Lenox

Gigantic Orchid Flowering.

Every Enthusiastic Gardener Should
Grow This

2073—A most fascinating introduction which produces flowers four to five inches in diameter—quite three times larger than the ordinary cosmos. It is the first white variety of the famous Lady Lenox Cosmos type.

Has succeeded and been admired everywhere. Produce petals oval in shape and of splendid substance. Keeps well when cut. Pkt. 10c.



Asparagus Plumosus Nanus

Asparagus

(H.H.P.) Plumosus Nanus

1723—We believe that this is the most popular house plant in Western Canada to-day. Almost every plant lover has an Asparagus Plumosus Fern on his dinner table or in some other room. It surpasses the Maidenhair Fern for grace, delicacy of texture, richness of color. Easy to grow. Pkt., 25c.

Aquilegia

Long Spurred Hybrids.

(Columbine)

The delicately formed flowers are borne singly and in panicles, strikingly set off by handsome foliage that gives a most charming background, exhibiting with startling effect the rich colors and graceful spurs beautifully poised on stately stems. A decided improvement on the older sorts.

The range of colors is exceptionally fine, such as pink and yellow, red and yellow, white and blue, lavender and mauve, etc.

1702—CHOICE MIXED. Pkt. 15c.

Carnation

(Dianthus Caryophyllus fl. pl.)

The Yield of large Double Flowers is
Wonderful

The Carnation has always been a flower of great prominence, but it is only in the last few years that its growth has become general throughout the Canadian West.

If sown early indoors and then transplanted to the open in June, the Carnation will blossom as readily as any other flower.

By transferring to pots before frost it makes a nice house plant.

The Marguerite strains are especially recommended for vigor and adaptability to outdoor culture; while the Perpetual are also given outdoor prominence, they are more generally grown where a winter blooming house plant is desired.

1990—GIANT MARGUERITE. Double choice, mixed. Pkt. 10c.

1991—DWARF MARGUERITE. Double white. Pkt. 10c.

1992—DWARF MARGUERITE. Double yellow. Pkt. 10c.

1993—DWARF MARGUERITE. Double crimson. Pkt. 10c.

1994—DWARF MARGUERITE. Double choice mixed. Pkt. 10c.

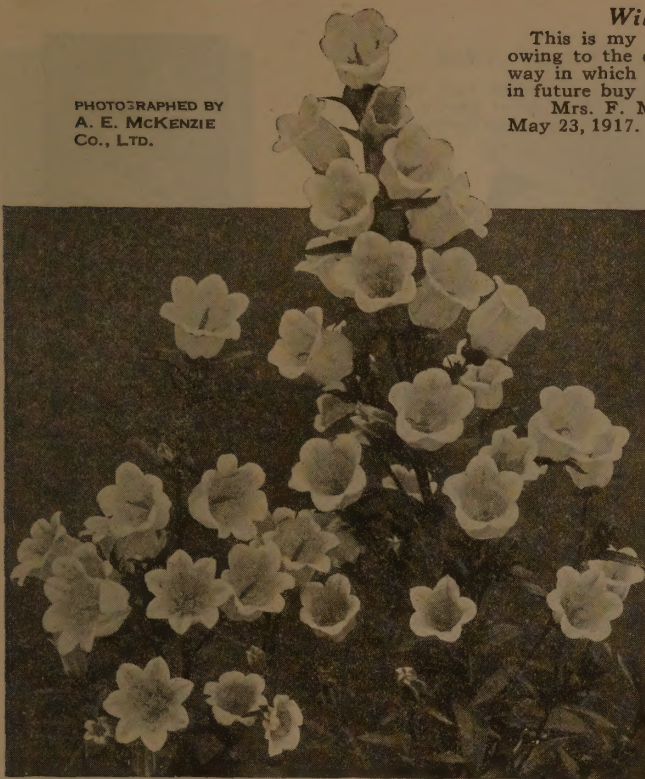
1995—PERPETUAL, Chabauds. Giant flowered, mixed. Pkt. 15c.

1996—PERPETUAL, Riviera Market Giant. Mixed. Pkt. 15c.

1997—BORDER, choice mixed. Pkt. 10c.

Our Aim is not "How cheap". but "How good."

PHOTOGRAPHED BY
A. E. MCKENZIE
Co., LTD.



Campanula

Campanula Persicifolia (Peach Bells)

Very Different in Formation from Canterbury Bells

Campanulas can be grown with ease in any ordinary garden. The delicate and broadly shaped flowers appear in clusters of three at the axils of the upper leaves and grow to an immense size. They are ornamental, graceful and very suitable for table decoration. Pkt.

- 1952—PERSICIFOLIA. Blue, large bells. 10c
1953—PERSICIFOLIA ALBA BACKHOUSIANA. The largest and purest flower. 10c
1954—PERSICIFOLIA GRANDIFLORA fl. pl. ALBA MOERHEIMI. Very fine, pure white saucer shaped flowers. 10c

Canterbury Bell (H.P.) Campanula

The Canterbury Bell of the Calycanthema type differs noticeably from the usual Bell Flower or Persicifolia strains by reason of its immense calyx, giving the flower the appearance of a "cup and saucer," and is generally known by this name. Pkt.

- 1979—CALYCANTHEMA. Blue. 10c
1980—CALYCANTHEMA. Rose. 10c
1981—CALYCANTHEMA. White. 10c

One of the Most Popular
Garden Flowers

Candytuft Large Flowering (Iberis)

For a profusion of bloom lasting throughout the summer there is nothing in the flower garden to excel these dwarf flowering annuals for edging and massing in borders.

The plants being of miniature growth adapt themselves to pot culture. They are quite hardy and easy to cultivate and can be sown out of doors, seedlings being thinned out but not transplanted.

The flowers are borne in umbels on spiral spikes of extra depth; the individual flowers being much larger than the older strains. Colors embrace practically all shades of white, purple and red. The strains we offer are unsurpassed. Pkt.

- 1964—DUNNETT'S IMPROVED. Deep rich crimson. 5c
1965—EMPRESS. Large, pure white. 10c
1966—UMBELLATA QUEEN OF ITALY. Pale lilac. 10c
1967—UMBELLATA ALBIDA. Creamy white. 5c
1968—UMBELLATA. McKenzie's Finest Mixed. 10c
1969—UMBELLATA DWARF HYBRIDS. White shaded Rose. 5c
1970—CHOICE MIXED. 5c

Celosia

Very Showy for the
Summer Garden

Plumosa is a capital name for this flower, resembling in every way the large plumes used so extensively for millinery decoration. The very oddity of its formation makes it unique, and its many gorgeous colors highly attractive. The Dwarf Cockscomb with their immense rich, ruffled combs which are of velvet, chenille-like appearance, measuring frequently 12 inches across, have an exceptionally striking ornamental effect in borders.

- 2002—PLUMOSA. Crimson. Pkt. 5c
2003—PLUMOSA AUREA. Golden yellow. Pkt. 5c
2004—PLUMOSA THOMPSONI MAGNIFICA. Mixed colors. Pkt. 10c
2005—CRISTATA EMPRESS (Cockscomb) crimson. Pkt. 10c
2006—CRISTATA DWARF (Cockscomb) Finest mixed. Pkt. 10c

Will Come Again

This is my first order to your firm and owing to the courteous treatment and fair way in which you have treated me, I shall in future buy all my seeds from your firm.
Mrs. F. MUNRO, Lakefields Ranch,
May 23, 1917. Summerland, B.C.

PHOTOGRAPHED
BY A. E.
MCKENZIE
Co., LTD.



Dianthus

Dianthus (Pinks) Succeed in Any Soil

One of the most magnificent flowers in cultivation. Although biennial, Pinks should be treated as annuals, and if sown in the open ground as soon as all danger of frost is past, they will furnish an endless delight to lovers of flowers throughout the summer by their attractive and profuse display of bloom. Transplanting when sown in the open is not recommended, otherwise the flowering season will be delayed.

- 2122—CHINENSIS (Fl. Pl.). Mixed (H.B.) (Indian Pink). Double flowers, all shades. Pkt. 5c
2123—HEDDEWIGI (H.B.). Single mixed (Japan Pink). All colors. 5c
2124—HEDDEWIGI CRIMSON BELLE (H.B.). Single, brilliant crimson. 10c
2125—HEDDEWIGI EASTERN QUEEN (H.B.). Single, striped rose, extra. 10c
2126—HEDDEWIGI FIREBALL (H.B.). Double, brilliant scarlet, extra strain. 15c
2127—HEDDEWIGI (H.B.). Double, choicest mixed. 10c
2128—LACINIATUS (H.B.). Single, mixed. 10c
2129—LACINIATUS SALMON QUEEN (H.B.). Single, very charming colors. 10c
2130—LACINIATUS SNOWDRIFT (H.B.). Double, large, pure white extra choice. 15c
2131—LACINIATUS VESUVIUS (H.B.). A dazzling single orange scarlet, very fine. 10c
2132—LACINIATUS (H.B.). Double choice mixed. 10c
2133—DIADEMATUS (Double Diadem Pink) (H.B.). Double, choice mixed. 10c
2134—IMPERIALIS (Double Imperial Pink) (H.B.). Choicest mixed. 10c
2135—NOBILIS (Double Royal Pink) (H.B.). Choice mixed. Twisted petals, very pretty. 10c
2136—LATIFOLIUS (H.B.). Double Hybrids, choice mixed. Very brilliant colors. Flowers first season from seed. 10c
2137—PERENNIAL PINKS (H.P.). Extra choice mixed, very hardy. 10c

Coreopsis A Wonderful Bloomer

This showy flower not only receives a place in almost every garden, but generally a very conspicuous one. It is a very dazzling plant, strikingly effective in display with other plants, and equally as attractive for cutting and bouquets. The flowers are very free blooming, retaining freshness long after cutting. It has been said this flower blooms so freely that it flowers itself to death. Pkt.

- 2069—GRANDIFLORA, large bright golden yellow. 5c
2070—LANCEOLATA, yellow serrated petals. 10c

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

Single
Perennial
ChrysanthemumDimorphotheca
AurantiacaPHOTOGRAPHED BY
A. E. MCKENZIE
CO., LTD.

Delphinium

Chrysanthemum

McKenzie's New Early Single Perennial

2026—A great favorite in our Western gardens where hardy growing flowers are given preference. Probably no flower in cultivation is better known than the Chrysanthemum. This type of Early Single Perennial is a popular addition for both garden and house growing. Blooms the first year. The plants are bushy, well shaped and hardy, growing 2 to 3 feet high, covered with a mass of delicately shaped blooms of exquisite colors, such as pure white, cream, yellow, orange, crimson, purple, terra cotta, pink, etc., ranging in size from 3 to 4 inches across. The plants are raised from seed with the greatest ease, sowing indoors in early spring, transplanting to the open, again transplanting before frost to pots for the winter bloom. Choice mixed. Pkt. **15c.**

Dimorphotheca or Orange African Daisy

A great improvement over the old African types

Of easy culture and able to withstand all kinds of weather it is adapted to the climate of Western Canada, and is rapidly gaining popularity. Its intrinsic value as a bedding or decorative plant, is acknowledged. The plants are of semi-dwarf habit and rarely exceed the height of 15 inches; the growth is vigorous and fairly compact, bearing clusters of immense flowers measuring frequently $2\frac{1}{2}$ to 3 inches across. Exceptionally profuse blooming the plants continue to produce an array of pretty showy flowers until late in the fall. Seed may be sown in the open as soon as the ground can be prepared in the spring.

2147—AURANTIACA (True Stock). The golden yellow flowers are conspicuous by the dark colored disc surrounded by a black zone, the Marguerite-like blossoms measuring frequently $2\frac{1}{2}$ to 3 inches in diameter. A very attractive flower, producing an abundance of bloom. Per pkt. **10c.**

2157—AURANTIACA HYBRIDA. McKenzie's Choice Mixed. Quite the counterpart of the type in growth, foliage, height and size of bloom, but of multifarious coloring. Among the shades represented are pure white to bluish and reddish white, sulphur and lemon yellow to bright gold; delicate rose to deep salmon, orange, etc., while some flowers show zones of contrasting hues. Per pkt. **15c.**

Echinocystis

(Wild Cucumber) (H.A.)

The increasing demand for this useful plant is proof that its usefulness is appreciated. It is unequalled for its rapidity in covering walls, fences, etc. Very useful for hiding unsightly objects in the garden on account of the quick growth of the vines. It is advisable to soak the seed several hours before planting.

2167—LOBATA. Pkt. **5c.** oz. **25c.**

Delphinium or Perennial Larkspur

The Delphinium is one of the most beautiful of all flowers and provides a color—blue—of which we have too little among flowers. The stately plants with their long spikes of handsome flowers, produced in racemes, are much admired in mixed borders. The foliage is shapely and classical in outline and the spikes of bloom are freely borne. Delphiniums will often remain in full bloom for several months during the whole of which time they add a color to the garden which would otherwise be wanting. For producing a striking display over a long season they are probably unique. No garden is complete without a group of two of these graceful perennials. The culture is exceedingly simple and the results out of all proportion to the slight amount of care necessary. 2 to 6 ft. July-September.

2107—BLUE BUTTERFLY. A very attractive dwarf Chinese variety growing about 20 inches high. The plants are densely covered with a mass of azure blue flowers, which stay in flower a very long time. Pkt. **10c.**

2112—FORMOSUM COELESTINUM. Handsome sky blue flowers, a lovely shade. 2 ft. Pkt. **10c.**

2113—GRANDIFLORUM fl. pl. Large flowers borne in racemes. 1 to 3 ft. Choice, double mixed. Pkt. **10c.**

2114—CASHMERIANUM. Distinct pale blue produced in corymbs, with light green leaves. 1 ft. Pkt. **10c.**

2116—MCKENZIE'S SPECIAL MIXTURE, a very choice strain. Pkt. **10c.**

2117—NUDICAULE. Spikes bright scarlet, borne on a loose raceme 1 ft. Pkt. **15c.**

Gypsophila

(Baby's Breath)

A very desirable plant for bouquets, sprays, and hanging baskets. Useful for mixing with other flowers. Excellent for cutting, therefore very popular. 1-2 ft. July-August.

2289—ELEGANS GRANDIFLORA ALBA (H.A.) An improved type, pure white flowers. Pkt. **5c.**

2294—PANICULATA (H.P.) White flowers blooms first year if sown early. 2 ft. August-Sept. Pkt. **5c.**

McKenzie Flower Seeds make the Garden gay and the home brighter.

Better Than Others!

We have had better results with your seeds than any others tried in this part of Canada, and shall always get them.

Mr. J. COX,

Oct. 1, 1917.

Prince George, B.C.

PHOTOGRAPHED
BY A. E.
MCKENZIE
Co., LTD.



Double Hollyhock



Gaillardia



Helianthus Stella

Hollyhock

McKenzie's Giant Flowering Annual Blooms First Year from Seed

Immense Hollyhocks the first year from seed! Think of it. The old types of this beautiful rose-like flower can seldom be flowered from seed before the second year. This new strain, identical in appearance with the older varieties, is the result of years of selection for an Annual Hollyhock. The range and combination of colors are wonderful and most beautiful to behold.

The flowers are densely double, delightfully fringed and flounced. Very large size, often measuring 5 inches across. Plants grow 6 to 8 feet high and literally covered with clusters of buds and flowers. Veritable columns of bloom. Started in the house from February to April and transplanted they bloom in the early summer. **2327—Mixed. Pkt. 15c.**

The following old favorite perennials are as popular as ever:

2328—CHATER'S (H.P.).	Double white.....	Pkt. 10c
2329—CHATER'S (H.P.).	Double canary yellow.....	10c
2330—CHATER'S (H.P.).	Double scarlet.....	10c
2331—CHATER'S (H.P.).	Double peach blossom.....	10c
2332—CHATER'S (H.P.).	Double crimson.....	10c
2333—CHATER'S (H.P.).	Double apple blossom.....	10c
2334—CHATER'S (H.P.).	Double salmon.....	10c
2335—CHATER'S (H.P.).	Double dark rose.....	10c
2336—CHATER'S (H.P.).	Double, choice mixed.....	10c
2337—DOUBLE ALLEGHANY PRIZE. (H.P.).	Mixed.....	5c

Gaillardia—Blanket Flower

Unsurpassed in Brilliancy by any Hardy Annual Plant.

This popular flower hardly needs much introduction as it is already so well known and appreciated among garden-lovers. Gaillardias are particularly conspicuous for profusion and duration of flowers. A constant succession is produced all summer until late in the fall. They produce a gorgeous effect in beds or borders. They are highly recommended for cut flowers as they last so long in water and can be gathered with ample self supporting stems. Great improvements in this popular plant have taken place during recent years and the strains we offer below are absolutely the best obtainable. Flowers freely, dazzling colors. 2-3 ft. July-Sept. Pkt.

2223—PICTA AURORA BOREALIS (H.A.).	Gold, crimson and white.....	5c
2224—SINGLE MIXED.....		5c
2225—LORENZIANA, double mixed.....		5c

Ipomea or Morning Glory

Remarkable for easy culture, quick growth and beautiful flowers. Among the most popular plants for covering verandahs and screening unsightly objects. They prefer a strong soil, sunny site and plenty of water but they will make the best of much that may be uncongenial. Seeds should be soaked in warm water for about 2 hours before planting. Flowers from July to September.

2362—IMPERIALIS (Japanese). This is the Japanese Morning Glory, celebrated the world over for its wondrous beauty of both flowers and foliage. The flowers are borne by hundreds and are of enormous size, of the most delicate, vivid and blending colors to be seen in any flower. Some are pure white; others crimson, brindled, light and dark blues, pinks and so on, while others show a most entrancing combination: spotted, striped, blotched, stained, pen, cilled, bordered; variegated, in fact, in almost every conceivable manner. The leaves alone would almost appear beautiful enough, with their richly marbled and variegated white and green. **Finest Mixed. Oz. \$1.00. pkt. 10c.**

2368—ROCHESTER SKY BLUE. We consider the Rochester Sky Blue ever-blooming Morning Glory the acme of perfection in color of all the numerous varieties of climbing Morning Glories. The vines make very rapid growth and form an excellent cover for bare or unsightly spots and for trellises and verandahs they are unexcelled. The flowers are borne in profusion from the base to the tip of the vine. **Pkt. 10c.**

2367—NOCTIFLORA (Moon Flower) alba. Large white flowers. 10 ft. to 15 ft. **Pkt. 10c.**

2369—BONA NOX (Evening Glory). Opens its blooms in the evening, large white flowers. 15 ft. **Pkt. 5c.**

2370—SETOSA (Brazilian Morning Glory). A vigorous climber, covers an immense area, large rose colored flowers with pink centre. 10 to 20 ft. **Pkt. 10c.**

Baby Golden Glow

2281—A most effective annual. Seed is best started inside and the plants transplanted to the garden at the proper time. They will begin blooming at once, making a most symmetrical and compact growth and showing hundreds of brightest blossoms as double and as perfect as roses. Nothing but the famous Golden Glow itself can equal it for a display. Grows only two feet high, flowering early and profusely. **Mixed—Yellow and White. Pkt. 5c**

Linum (Flax) (H.A.) A Pretty Border Plant

The flowers are borne in terminal racemes or cymes. On account of continuity of bloom the plant is very showy and its ease of culture places it in the front rank as a popular flower. 1 ft. July-Sept. **Pkt.**

2420—GRANDIFLORUM RUBRUM. Oz. 50c.....	5c
2421—FLAVUM (H.P.) Neat and compact, flowers bright golden yellow. 1 ft.	10c
2422—PERENNE (H.P.). Bright blue flowers, very graceful.	10c

Helianthus—Sunflower

Very Effective in Borders

Of the easiest culture and adapted to a variety of soils. They are seen to best advantage when planted in masses, rather than as solitary specimens. These attractive flowers are a valuable addition to any garden. 2-8 feet. July-Sept. **Pkts.**

2299—ARGYROPHYLLUS (Texas Silver Queen). Single yellow flowers with black centre. 6 ft.	5c
2304—CALIFORNICUS fl. pl. Fine double, showing no centre, flowers 6 inches in diameter. 4 ft.	5c
2307—GLOBOSUS FISTULOSUS fl. pl. Large double flowers, bright saffron color. 4 ft. Oz. 50c.....	5c
2308—STELLA. Single golden yellow flowers with black disc. 4 ft. (See illustration).....	5c
2309—GOLDEN FLEECE. Cactus shaped flowers, golden yellow with dark centre.....	5c
2310—RED. A new and very attractive variety; flowers are very numerous.....	5c

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

Unexcelled for Gorgeous
and Dazzling Display**California Poppy** (Esch-
scholtzia)

Few plants are of more delicate appearance and attractive to the eye than this poppy-shaped flower, yet it is one of the hardiest and most easily grown. It is very showy and blooms early after its appearance above ground. It stands considerable cold and remains blooming after the first frost. Very attractive as an edging because of its intersected and bluish foliage. The plants grow bushy and 12 to 24 inches high. In sunshine the petals open up to their fullest, and altogether it is as charming an annual as one could wish for.

	Oz.	Pkt.
2188—BURBANK'S CRIMSON. A very handsome variety	.50	.05
2189—CARMINE KING. An intense carmine rose	.50	.05
2190—GOLDEN WEST. Orange yellow, large	.50	.05
2191—MANDARIN. Orange shaded crimson	.50	.05
2192—ROSE CARDINAL. Carmine rose	.50	.05
2182—CALIFORNICA. Bright yellow	.40	.05
2183—CALIFORNICA. Alba, white	.40	.05
2197—SINGLE MIXED	.30	.05
2212—DOUBLE MIXED	.30	.05

Marigold (Tagetes)
(H.A.)

These old garden favorites are eminently suited for massing in gardens. The variety listed as "Legion of Honor" is the dwarfest of the type and is a charming plant to use for edgings as it blooms continuously and grows only 6 to 8 inches high. The African flowers with their large and perfectly double blooms are symmetrical in shape and the French types have been selected from plants showing even and well-defined striped double flowers in shades of brilliant gold, orange and brown. They provide a wealth of bloom of striking appearance.

The seed we offer has been saved exclusively from exhibition blooms.

	Pkt.
2456—AFRICAN GOLD NUGGET. Golden yellow	10c
2457—AFRICAN LEMON BALL. Soft lemon yellow	10c
2458—AFRICAN EL DORADO. Large quilled, of perfect double form, in shades of yellow	10c
2459—AFRICAN. Double finest mixed	5c
2460—FRENCH. Compact gold striped, beautiful markings, stripes well defined	10c
2462—FRENCH. Dwarf, finest mixed	5c
2463—FRENCH LEGION OF HONOR. Single flowers, attractively marked on a golden yellow background	5c

Lupinus**Particularly Adapted to Borders**

Hardy Annual and Perennial plants of striking appearance with conspicuous flowers in terminal racemes. The bushy plants with their long handsome spikes furnish an excellent background to a flower bed. All varieties of this attractive plant are of easy culture in any garden soil.

2435—ANNUALS, fine mixed. 3 ft. June-Aug. Oz. 50c. pkt. 5c.
2436—ARBOREUS SNOW QUEEN (H.P.). Very fine pure white spikes. 3 ft. Pkt. 10c.
2437—POLYPHYLLUS (H.P.). Blue, 3 to 6 ft. Pkt. 5c.
2438—POLYPHYLLUS ALBUS. White 3 to 6 ft. Pkt. 5c.
2440—SUBCARNOSUS (Texas Blue Bonnet) (H.A.). A charming dwarf variety, flowers azure blue. Excellent for front of border. 1 ft. Pkt. 10c.



Marigold

We are indeed very satisfied with McKenzie's Seeds. We had a nice crop of carrots of an extraordinary size, cabbage, turnips, onions, celery, lettuce, etc., all of remarkable size and beauty.

SISTER SUPERIOR,
Delmas Convent,
August 27, 1917 Delmas, Sask.

Splendid**Returns**

Your Seed were altogether satisfactory and gave splendid returns.

Mr. NORMAN LAMBERT,
Sept. 10. Westhazel, Sask.

Mignonette**An Old Time Favorite Flower**

This universally esteemed fragrant flower still retains its popular place in the garden. Invaluable for cutting, and when massed in flower borders it is also well adapted for pot culture for winter blooming. The improved varieties noted below acquired by close and painstaking selection are the best in cultivation to-day, producing handsome trusses of immense size and fragrance. Successional sowings are recommended when a constant supply of bloom is required. For winter flowering sow seed in pots during July and August and thin out.

	Pkt.
2491—BISMARCK. Huge trusses of reddish colored flowers	10c
2492—GOLDEN QUEEN. Large golden yellow spikes. Oz. \$1.00	10c
2493—MACHET. Fine bold spikes of reddish flowers. A general favorite. Oz. 75c.	10c
2494—VICTORIA. Forms attractive trusses of bright red flowers.	10c
2495—WHITE PEARL. The best of all the whitish flowers.	10c
2490—GRANDIFLORA. Oz. 25c.	5c

Nemesia**(H.A.) Rivals the Lobelia**

This is a striking border, pot or window-box plant of very compact growing habit. Very free flowering with rich rare colors in shades of rose, white, scarlet, or yellow with the lower petal usually lipped or marked in another contrasting color; continuing in bloom for a very long time; grows about 12 inches high.

2615—DWARF COMPACT HYBRIDS, choice mixed. Pkt. 15c.

Kochia**Summer Cypress (Mexican Fire Bush)****(H.A.) All the Rage Everywhere**

Once to be found grown occasionally in some garden, to-day its cultivation is general. Grows to a perfect symmetry and uniform shape, makes one of the most beautiful hedges and borders imaginable. The lovely green color has a wonderfully enhancing appearance along the walk, against buildings, backgrounds, foregrounds, in fact, it seems to be in just the right spot wherever placed. Very easily grown, sown thinly in spring, shoots up quickly. With the approach of Fall the whole plant becomes a deep red.

2381—TRICOPHYLLA. Pkt. 10c.

Lobelia (Tenuior)**(H.A.)****A Highly Decorative Plant for Window Boxes, Hanging Baskets, Verandahs, Etc.**

2431—This delightful flower is a native of Western Australia and is much prized for its rich decorative qualities. It makes an ideal plant for hanging baskets, supplying a succession of large, deep, rich blue flowers with a conspicuous white eye; a very pleasing contrast. The foliage is graceful and light in texture, which enhances its charm considerably. Per pkt. 10c.

Crystal Palace Compacta (H.A.)

2427—While distinctive from Lobelia Tenuior, it makes an ideal flower for hanging baskets and window boxes. The blossoms, deep rich blue in color, have a conspicuous white eye, giving a strikingly attractive contrast. The plant is exceedingly graceful. Pkt. 10c.

We supply valuable books for Gardeners and Farmers. See page 86.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

Nasturtium

Dwarf Lilliput

Makes an excellent plant for edges of borders. Of miniature size and very compact, smaller even than the Tom Thumb. The dainty foliage and flowers are quite unique and graceful, whilst, thanks to the energy and perceptibility of the hybridizer, blossoms can be procured in almost every pleasing shade.

	Pkt.	oz.	¼ lb.
2575—BABY ROSE. Pure white with deep rose markings.....	.05	.35	.85
2576—FAIRY QUEEN. Light, marked with lavender.....	.05	.35	.85
2578—QUEEN OF HOLLAND, HYBRIDS. Light yellow to black purple, all blotched.....	.05	.35	.85

Tom Thumb

This dwarf growing variety is perhaps the most generally grown, and it succeeds everywhere with little or no care.

	Pkt.	oz.	¼ lb.
2581—AURORA. A beautiful terra cotta.....	.05	.35	.85
2582—BEAUTY. Yellow with scarlet markings.....	.05	.35	.85
2587—KING OF TOM THUMB. Bright scarlet.....	.05	.35	.85
2588—KING THEODORE. Deep crimson.....	.05	.35	.85
2592—RUBY KING. Ruby red, salmon tinted.....	.05	.35	.85
2593—SPOTTED KING. Dark yellow with brown spots.....	.05	.35	.85
2594—VESUVIUS. Deep salmon rose.....	.05	.35	.85
2595—McKENZIE'S CHOICE MIXED.....	.05	.20	.50

Variegated Leaf

Enthusiastic lovers of Nasturtiums hailed with delight this introduction. Unquestionably the Variegated-leaved are without a rival with beautiful and pleasing leaf markings of white, cream, gold, green, etc., and their gorgeous colored flower.

2539—DWARF, CRYSTAL QUEEN. Primrose, narrowly striped.....	.05	.35	.85
2545—TALL (Lobb's), QUEEN WILHELMINA.....	.05	.35	.85
2546—TALL (LOBB'S), McKENZIE'S CHOICE MIXED.....	.05	.35	.85

Ivy Leaf

No praise can be too high for this lovely creation. It has proven a surprise and delight to all who have grown it. The plants in habit are similar to both the dwarf and tall varieties of the ordinary types. The leaves are a delicate English Ivy leaved form, while the flowers are striking yet daintily fringed.

2547—DWARF, OTHELLO. Deep maroon.....	.05	.35	.85
2548—DWARF, BUTTERFLY. Bright golden yellow.....	.05	.35	.85
2549—DWARF, McKENZIE'S CHOICE MIXED.....	.05	.35	.85
2550—TALL, FLAMINGO. Orange scarlet.....	.05	.35	.85
2552—TALL, McKENZIE'S CHOICE MIXED.....	.05	.35	.85

Golden Leaf

This type has created widespread interest everywhere by its wonderful foliage and lovely hue of colors. Being so radically different from ordinary type, the Ivy-leaved or the Variegated-leaved, it has proved their equal in popularity.

The leaves are of a beautiful clear golden yellow. In growth the plant is similar to other dwarf varieties.

2553—CLOTH OF GOLD. Brilliant scarlet.....	.05	.35	.85
2554—GOLDEN MIDNIGHT. Deep maroon.....	.05	.35	.85
2555—GOLDEN ROSE. True rose.....	.05	.35	.85
2557—GOLDEN PEARL. Sulphur yellow.....	.05	.35	.85
2558—McKENZIE'S CHOICE MIXED.....	.05	.35	.85

Lobb's Climbing

Grows very rapidly, but the foliage and flower are smaller and more delicately shaped than the preceding. It is equally desirable as it embraces many beautiful varieties with a wide range of coloring.

2560—GOLDEN QUEEN. Pure golden yellow.....	.05	.35	.85
2561—LUCIFER. Very dark scarlet.....	.05	.35	.85
2563—McKENZIE'S CHOICE MIXED.....	.05	.35	.85
2565—RUDOLPH VIRCHOW. Charming ruby color with rich yellow calyx and spurs.....	.05	.35	.85

Tall or Climbing

This is the type of Nasturtium so extensively used for window boxes, verandahs, stone piles, walls, fences and unsightly locations. Our seed is of exceptionally robust growth, it gets away to a quick start and produces rapid, strong growing vines and profuse bloom.

2566—COCCINEUM. Bright scarlet.....	.05	.35	.85
2567—DUNNETT'S ORANGE. Orange.....	.05	.35	.85
2568—HEINEMANNI. Chocolate.....	.05	.35	.85
2570—KING THEODORE. Rich crimson.....	.05	.35	.85
2571—PEARL. Cream white.....	.05	.35	.85
2574—McKENZIE'S CHOICE MIXED.....	.05	.20	.45

Nigella

(Miss Jekyll)

2632—This is somewhat of a marvel amongst flowers, so fascinating in fact that the Hispanica types are usually known as "Love in a Mist," while this particular type is so handsome, its appearance so charming as to regale in the highly expressive name of "Devil in a Bush."

The beautiful large bright blue flowers of cornflower shape, 1½ inches across, appear in double form, borne on long stems, interspersed gracefully among the exquisite and finely cut fern-like foliage. Grows 12 to 15 inches in height. Pkt. 10c.

2633—NEW WHITE. Pkt. 10c.



Nasturtium

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



Pyrethrum

Pyrethrum

Prized for its Extreme Earliness

Valuable hardy herbaceous garden plants with large flowers freely borne on stems about two feet high.

The special value of the Pyrethrum is its extreme early flowering habit, being one of the first to bloom in the spring. This is a particularly good feature when used for borders. For decorative purposes and house bloom it is prized highly. When planted in groups their symmetrical shape, charming flowers and profusion of bloom are both effective and handsome. Resembles the Aster and Chrysanthemum in appearance, lasts longer when cut, blooms and flourishes under rough weather conditions.

2819—HYBRIDUM GRANDIFLORUM SINGLE. Large flowering types, blooms measure 3 to 4 inches across. Finest mixed. Pkt. 10c.

For Collections of Vegetable and other Seeds, see pages 2 and 3

Pansies are
One of our
Specialities

We have the
Best Types
Purest
Strains and
Newest
Varieties.

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



Giant Pansies

(Viola Tricolor Maxima) (H.P.)

If you want the grandest display, the most striking colors, the most perfect flowers, try these; we know a trial will please you. (See illustration.)

- 2665—GIANT ADONIS. Light blue, with deep blue blotches on lower petals. Pkt. 10c.
2666—GIANT EMPEROR FRANZ JOSEPH. A new white with large violet spots. Pkt. 10c.
2667—GIANT FIRE KING. Lower petals golden blotched magenta, upper petals purple, very showy. Pkt. 10c.
2668—GIANT GOLDEN QUEEN. Pure deep yellow, no eye. Pkt. 10c.
2669—GIANT INDIGO BLUE. Very rich blue. Pkt. 10c.
2670—GIANT MADAME PERRET. Wine shade on white ground, very showy. Pkt. 10c.
2671—GIANT PRINCE BISMARCK. Light brown, black eye, very showy. Pkt. 10c.
2672—GIANT VULCAN. Brilliant dark red, with beautiful large black spots. Pkt. 10c.
2673—McKENZIE'S GIANT. Mixed gorgeous shades and colors, 1/2 oz. \$2.00, 1/4 oz. \$1.25. Pkt. 10c.

Giant Pansy Mixtures

The undermentioned varieties of Pansies are so well known that the sale reaches huge proportions and continues to increase each year

- 2677—BUGNOT'S LARGE BLOTCHED. A very beautiful class, large flowers, with broad blotches. Pkt. 10c.
2678—BUGNOT'S PRIVATE STRAIN. Saved from best selected plants, producing many beautiful and rare varieties. Pkt. 15c.
2679—CASSIER'S GIANT. The largest of all blotched Pansies; very showy. Pkt. 10c.
2680—PARISIAN LARGE STAINED. Of immense size, mostly white ground and fine blotched. 1/4 oz. \$1.25, pkt. 10c.
2681—MASTERPIECE. A superb new class of blotched Pansies, the flowers are gigantic and are invariably ruffled or undulated; a decidedly attractive race. Pkt. 15c.
2682—ENGLISH PRIZE SHOW. A very choice strain. Pkt. 10c.

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



Petunia

Giant Trimardeau

This strain is recognized as one of the most beautiful and varied pansies ever introduced. The flowers are beautifully gold-edged, blotched and pencilled in the most delicate shades. The Trimardeaus are exceptionally showy, of vigorous and compact growth and the flowers are of immense size.

- 2674—TRIMARDEAU. White with purple eye. Pkt. 10c.
2675—TRIMARDEAU. Yellow with black eye. Pkt. 10c.
2676—McKENZIE'S TRIMARDEAU. Finest mixed. 1/2 oz. \$2.50
1/4 oz. \$1.50. pkt. 10c.

Phlox Drummondii

One of the Earliest
Flowers to Grow

The "Grandiflora" types produce large flowers, but the habit is straggly compared with the "Nana Compacta" which is dwarf and forms compact and well shaped plants, profusely decorated with a mass of blooms. This Half Hardy Annual is easy to grow, thriving in any good garden soil but prefers plenty of sunshine.

- 2729—DRUMMONDI GRANDIFLORA ATROPURPUREA ALBO-OCULATA, a fine deep purple flower with striking eye. Pkt. 10c.
2731—DRUMMONDI GRANDIFLORA CHAMOIS. Rose with white eye, a charming flower. Pkt. 10c.
2732—DRUMMONDI GRANDIFLORA KERMESINA SPLENDENS. Vivid crimson, very bright and effective. Pkt. 10c.
2734—DRUMMONDI GRANDIFLORA SNOW WHITE. A pure white of good substance. Pkt. 10c.
2735—DRUMMONDI GRANDIFLORA. Finest mixed. 1/2 oz. \$1.50. pkt. 10c.
2741—NANA COMPACTA CINNABRINA. A brilliant scarlet self. Pkt. 10c.
2742—NANA COMPACTA COCCINEA. A glowing fiery red self. Pkt. 10c.
2743—NANA COMPACTA FIREBALL. An extra fine variety, color blood red. Pkt. 10c.
2745—NANA COMPACTA SNOWBALL. A pure white, of good quality. Pkt. 10c.

- 2746—NANA COMPACTA SPLENDENS. A bright crimson with a decided white eye. Pkt. 10c.
2747—NANA COMPACTA CHOICE MIXED. Pkt. 10c.
2748—NANA COMPACTA CICELY. Finest mixed. Of dwarf habit, producing very large flowers on compact plants. When in full bloom, make a charming display. 1/4 oz. \$1.25c, pkt. 10c.

Poppy (Papaver)

Gorgeous and
Dazzling

Poppies are easily grown but should, whenever possible, be sown where they are intended to flower, as they do not stand transplanting successfully.

Single Annuals

- 2768—ADMIRAL. (Pæony Flowered) white with broad brilliant scarlet band, very effective. Pkt. 5c.
2769—BURBANK'S NEW SANTA ROSA. (Shirley) finest mixed, a magnificent strain and will give a most pleasing display of gorgeous brilliant blooms. Pkt. 10c.
2770—DAINTY LADY (Pæony Flowered). Flowers are very large, frequently measuring 5 inches across, color, rosy mauve, deeply blotched in the centre of each petal. Quite distinct. Pkt. 10c.
2771—MISS SHERWOOD (Pæony Flowered). Petals satiny white shading to chamois rose. A striking combination; flowers immense. Pkt. 5c.

Double Annuals

- 2782—ARIEL (Pæony Flowered). A charming early variety; color salmon red on a white ground, outer petals garnished at the base with a lilac blotch. Pkt. 10c.
2783—LACINIATUM "SHRIMP PINK." Flowers of great size and beautifully fringed. The color is a soft rosy pink, shading off to a lighter tint at the edge of the feathery-like lacinated petals. Pkt. 15c.

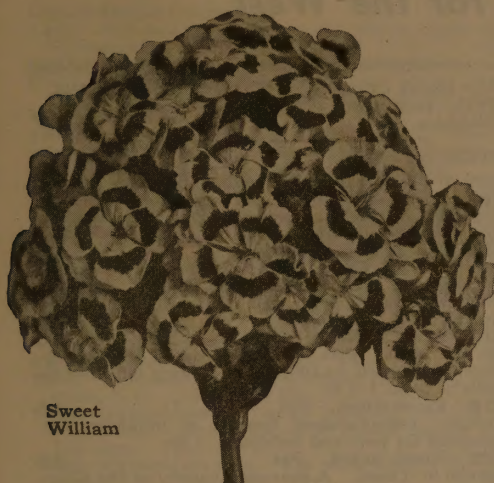
Giant Petunia

Gigantic, Rich,
Beautiful Flowers

Some of the most magnificent types of petunia ever grown are found right in the West. They give a constant supply of the richest and most brilliant flowers of gigantic size, many measuring 5 inches across, from earliest summer until late frost. Beautifully fringed, and ruffled, the diversity of color, plain and in unlimited combinations, ranges from pure white to deepest maroon. Sow indoors or in open very early in the spring, exercising care to cover seed lightly, for if sown too deep they will not grow.

- 2723—McKENZIE'S GIANT SINGLE FRINGED. Choice mixed. Pkt. 25c.
2724—McKENZIE'S GIANT DOUBLE FRINGED. Choice mixed. Pkt. 25c.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



Sweet William



Zinnia



Stock

Large Flowering Ten Week Stock

The largest of all the large double types

The remarkably perfect flowers of this type, produced from one end of the great West to the other, amply substantiates that the Canadian West is an ideal climate for stocks.

The large double flower, much like a double rose, waxy of texture, varying in colors from white to deep red has a most delicate fragrance.

It is of compact growing habit, very profuse bloomer, and of extreme hardiness.

We have been most painstaking in the selection of seed, using selected plants, grown in pots, hand fertilized and rogued in order to produce seed with higher percentage of double flowers than those produced from field grown stocks.

- 2892—LARGE FLOWERING DWARF TEN WEEK. Pure white, Pkt. 10c.
 2893—LARGE FLOWERING DWARF TEN WEEK. Blood red. Pkt. 10c.
 2894—LARGE FLOWERING DWARF TEN WEEK. Crimson. Pkt. 10c.
 2895—LARGE FLOWERING DWARF TEN WEEK. Light blue. Pkt. 10c.
 2896—LARGE FLOWERING DWARF TEN WEEK. Purple. Pkt. 10c.
 2897—LARGE FLOWERING DWARF TEN WEEK. Flesh pink. Pkt. 10c.
 2898—LARGE FLOWERING DWARF TEN WEEK. Scarlet. Pkt. 10c.
 2899—LARGE FLOWERING DWARF TEN WEEK. Superb mixed. 1/4 oz. \$1.75. pkt. 10c.
 2900—DWARF TEN WEEK "SNOWFLAKE" the earliest of the whites, excellent for pot culture with spikes of large snow white flowers of superb substance. Pkt. 15c.
 2901—PRINCESS ALICE. A perpetual or branching variety with beautiful large spikes. An excellent sort for cutting, and if seed is sown early will produce a constant supply of bloom throughout the summer. Pkt. 10c.

McKenzie's Superb Zinnia

Perfect Doubles Exquisite Shade Splendid Sizes

No amount of praise is too great for this popular favorite. Flowers throughout the entire summer and early fall, producing an abundance of large double blossoms which are varied and of brilliant colors. Each bloom lasts about six weeks. The Zinnia is a very free grower and of robust habit. Does well under almost any conditions. Each plant blooms in a striking manner and a complete mass of bloom at all times. For perfect doubleness, splendid size variety and shades are unsurpassed. (See illustration above.)

- 3159—MCKENZIE'S MAMMOTH FLOWERED. Choice double mixed. Pkt. 10c. 1/2 oz. \$1.50.
 oz. \$2.50.
 LILLIPUT. The small neat pompom flowers arranged on miniature bushes of compact habit are very showy.
 3161—DOUBLE. FINEST MIXED. Pkt. 10c. 1/2 oz. 60c. oz. \$1.00.

Sweet William

(Dianthus barbatus)

A Beautifully colored Sweet Scented Flower

A general favorite. As a border plant it has few equals, being very showy especially when planted in clusters and as the brilliant colored flowers are borne in umbels the stalks radiating from one point, quite a charming effect is created. Our mixture contains quite an assortment of colors, for besides self, some of the flowers have a striking white eye, surrounded by rose, pink or some other color on the outer portion of the petal. The flowers are very fragrant. The improved forms we offer are much superior to the old types; the individual flowers are larger and more rounded in shape, with colors more distinct and refined. A hardy biennial. 1 1/2 feet high.

- 3072—SINGLE PINK BEAUTY. Salmon pink flowers, highly attractive. Pkt. 10c.
 3073—SINGLE SCARLET BEAUTY. A rich scarlet, an exquisite and dazzling color. Pkt. 15c.
 3074—SINGLE FINEST MIXED. Oz. 30c. pkt. 5c.
 3075—DOUBLE WHITE. Extra choice strains. Pkt. 10c.
 3076—DOUBLE BLOOD RED. Extra choice strains. Pkt. 10c.
 3077—DOUBLE MIXED. Of well assorted colors. Pkt. 10c.

The name McKenzie has stood for over twenty years for all that is best in Seeds.

Schizanthus

(Butterfly Flower) Wisetonensis Hybrids

The many delicate colorings enhance the beauty of the flower with their delicate cut or fringed petals. There are many varied colors, chiefly light shades, ranging from white with delicate rose markings to pink with brown centres. Makes an excellent pot plant, is suitable for decorative purposes as well as an effective border plant. The strain we offer of this charming flower is absolutely first class.

2866—CHOICE MIXED. Pkt. 25c.

Ricinus Zanzibarensis

(Castor Oil Plant) Ornamental and Useful

A very attractive tall growing, branching plant of vigorous habit; foliage bronze color changing to dark green, red ribs. Highly recommended as a decorative plant, singly or in bed centres, giving a rich tropical effect. Seeds should be planted in May or sown singly in pots in early Spring and afterwards transplanted.

2832—MIXED. Oz. 35c. pkt. 5c.

Verbena

(McKenzie's Large Flowered)

Decidedly Captivating

One of the dear old flowers that will always be popular both for garden and house. It has no superior for constant profuse flowering, brilliancy and beauty of colors. Fewer plants are better liked and give more satisfaction; strong, healthy, and vigorous. By sowing inside and transplanting, you get a very early bloom continuing until after first frost.

- 3092—MCKENZIE'S LARGE FLOW-
 ERD. Striped colors. Pkt. 10c.
 3094—MCKENZIE'S LARGE FLOW-
 ERD. White. Pkt. 10c.
 3097—MCKENZIE'S LARGE FLOW-
 ERD. Choice mixed. Pkt. 10c.

McKenzie's Superior Flower Seeds—Best for the West

ABBREVIATIONS

The undernoted initials bear the following significations:

H.A.—Hardy Annuals. H.P.—Hardy Perennials.
H.H.A.—Half Hardy Annuals. H.H.P.—Half Hardy Perennials.

ABRONIA (Sand Verbena) (H.H.A.) A charming trailing plant suitable for hanging baskets and rock-work. Flowers of a rose pink color. Sweet scented, July-August.

1601—Umbellata grandiflora. Pkt.05

ABUTILON (Chinese Bell Flower) (G.P.) The bell-shaped flowers vary in color from pure white, orange and rose, blooms profusely; of easy culture. From early spring sowing plants will flower first season. March-October.

1606—Finest Mixed. Pkt.10

ACROCLINIUM (H.A.) A popular "Everlasting," greatly esteemed for winter bouquet work. The flowers should be gathered young; 1 ft. July-Sept.

1621—Album. Single white. Pkt.05

1622—Roseum. Single rose. Pkt.05

1623—Mixed Single Pkt.05

ADONIS (Flos Jovis or Pheasant's Eye) (H.A.) Of easy culture. flowers deep crimson; a free bloomer; 1 ft. July-Aug.

1628—Æstivalis. Pkt.05

AGERATUM—(Floss Flowers) (H.H.A.) A very useful bedding plant, suitable for edging, lasts in flower a long time; does not fade; 6 to 12 inches. July-Sept.

1633—Mexicanum. Blue. Pkt.05

1634—Mexicanum album. White. Pkt.05

AGROSTEMMA (Rose of Heaven) (H.A.) Very attractive rose colored flowers of easy culture; 1 ft. July-August.

1641—Cœli rosa. Pkt.05

3103—ALOYSIA citriodora. See Verbena.

AMARANTHUS (H.A.) Brilliant foliage plants bearing curious racemes of flowers with leaves of varied colors; a striking contrast and very effective; should be grown in a sunny situation: 3 to 4 ft. July-Sept.

1653—Caudatus (Love Lies Bleeding) Drooping panicles of deep crimson flowers. Pkt.05

1654—Tricolor Splendens (Joseph's Coat) Foliage red, yellow and green. Pkt.10

1655—Mixed. Per oz. 30c. Pkt.05

AMPELOPSIS VEITCHII

1650—(Japan or Boston Ivy). A hardy Ampelopsis of Japanese origin. It grows as rapidly as the old Virginia Creeper, and attains a height of 50 feet. It clings firmly to any wall, tree, etc. The leaves are small on young plants, which at first are of an olive green brownish color, changing to bright scarlet in the autumn. As the plant acquires age the leaves increase in size. Pkt.05

ANAGALIS (Pimpernelle) grandiflora (H.H.A.) The small flowers are very attractive. Fine for edging, pots, etc.; 6 inches, July-Sept.

1660—Finest mixed. Pkt.05

ANTHEMIS (Hardy Marguerite) (H.P.) A very free flowering border plant. Useful for table decoration, flowers golden yellow; 1½ ft. July-Sept.

1676—Kelwayi. Pkt.10

AQUILEGIA (Columbine) (H.P.)

1700—Chrysantha. Golden yellow, long spurred, single. Pkt.10

1701—Skinneri. Yellow, green, orange; single. Pkt.10

1703—Double Mixed. Contains a wide range of colors. Pkt.05

ARCTOTIS (African Daisy) (H.A.) Of handsome appearance the flowers are large and floriferous and are borne on long stems well above the foliage; color pure white on the upper surface; the reverse side is a pale lilac with a yellow zone in centre; 1½ ft. July-Sept.

1713—Grandis. Pkt.10

ARGEMONE (Mexican or Prickly Poppy) (H.A.) A very showy plant, the foliage is thistle-like, spotted white. The flowers are immense, frequently measuring 4 inches across; of various shades of white and yellow of easy culture but prefers a sunny position; 2 to 3 ft. July-August.

1718—Grandiflora hybrids. Mixed. Pkt.05

ASPERULA. Adapted for rockeries and borders and succeeds best in shady situations. The leaves when dried impart a hay-like scent and will keep the insects from clothes: 6 to 12 inches. July-Aug.

1733—Azurea setosa (H.A.) The small fragrant lavender flowers combined with graceful and light foliage make it prized for cutting. Pkt.05

1738—Odorata (Sweet Woodruff) (H.P.) An old favorite esteemed for its fragrant leaves, flowers pure white. Pkt.05

ASTER (H.H.A.) One of the most popular bedding plants in cultivation, suitable for decorative purposes, with a fine array of color; 6 inches to 2 ft. July-Sept.

1803—Finest mixed. Pkt.10



Victoria Aster



Dahlias



Digitalis

ABBREVIATIONS

The undernoted initials bear the following significations:

H.C.—Hardy Climbers. H.B.—Hardy Biennials.
H.H.C.—Half Hardy Climbers. G.P.—Greenhouse Plants.

ASTER (continued).

Queen of the Market. The earliest flowering variety, ready to cut two weeks before any other; of branching habit, flowers large and prolific bloomer; excellent for growing under glass; 1½ ft.

1805—Finest mixed. Pkt.05

Washington or Giant Victoria. Resembles Victoria but larger, with petals more loosely arranged. Flowers average 5 inches in diameter. A superb variety; 1½ ft.

1813—Finest mixed. Pkt.10

New Christmas Tree. Plants branch horizontally, bearing from 70 to 100 flowers. Very effective for beds or pots: 1½ ft.

1818—Finest mixed. Pkt.10

Triumph. Peony-shaped flowers of miniature size. Adapted for pots and beddings; 1 ft.

1823—Finest mixed. Pkt.10

Japanese or Tassel. A charming variety of the Chrysanthemum flowered type. Immense double flowers, petals long, narrow and twisted; 15 inches high.

1828—Finest mixed. Pkt.10

Chrysanthemum Flowered Dwarf. Producing large perfect, double flowers; 1 ft.

1833—Finest mixed. Pkt.05

Mignon. A small type of Victoria, extremely floriferous fine for cutting; 1 ft.

1835—Finest mixed. Pkt.10

Betteridge's Prize Quilled. Large double flowers distinct: 2 ft.

Sinensis Single. Strikingly effective and increasing in popularity each year as a contrast to the double varieties. Flowers produced on long stems, suitable for decorative work; 1½ ft.

1845—Finest mixed. Pkt.05

AUBRETIA (H.P.) A pretty dwarf hardy Alpine plant, producing clusters of rosy carmine flowers; 4 inches. June-July.

1870—Leichtini. Pkt.15

AURICULA (H.P.) Saved from prize strain. Very popular bedding and pot plant. Flowers produced in umbels; 6 inches.

1865—Extra choice mixed. June-July. Pkt.25

BEE (H.H.A.) Their attractive foliage adds lustre to a flower border.

1891—Ornamental Chilean scarlet. Pkt.05

1892—Ornamental Chilean yellow. Pkt.05

BACHELOR'S BUTTON. See Centaurea Cyanus.

BEGONIA (H.H.P.) Unquestionably one of the most attractive bedding and pot plants, remaining in bloom throughout the summer. Sow seed under glass in February for flowering in July. 1 ft. July-Sept.

1897—Tuberous rooted. Single choice mixed. Pkt.15

1898—Tuberous rooted. Double choice mixed. Pkt.25

1899—Gracilis. McKenzie's Special Mixture. Pkt.15

1900—Semperflorens Vernon. Charming blood red flowers with dark foliage. Pkt.15

1901—Rex. Ornamental foliage of red, bronze, green, etc. Pkt.50

BELLIS PERENNIS (Double English Daisy) (H.P.)

Invaluable for border edging. If sown early will bloom same season. 4 inches. June-Sept.

1906—Mammoth White. Double. Pkt.10

1907—Longfellow. Double rose. Pkt.10

1908—Double Mixed. Pkt.10

1909—Double Quilled. Mixed. The petals are elegantly twisted, making the flowers very attractive. Pkt.25

BRACHYCOMBE (Swan River Daisy) (H.A.) Useful border plant, flowers white and blue, 6 inches. July-Sept.

1914—Iberidifolia. Mixed. Pkt.05

BROWALLIA (Amethyst) (H.A.) Grows freely, abundant bloomer, flowers white, blue and purple, with glossy foliage. 1½ ft. July-August.

1919—Elata. Pkt.05

CALCEOLARIA (Slipper Flower) (G.A.) An unrivalled strain. The flower heads are large and well developed, of exquisite shades. Mostly self spotted and striped. Plants are well shaped, and flower profusely throughout spring and summer. 1 ft. May-Nov.

1929—McKenzie's Superb Mixture. Pkt.50

CALENDULA (Pot Marigold) (H.A.) Makes a very fine border plant; universally popular. Flowers are large and striking. 1 to 1½ ft. July-Sept.

1935—Officinalis fl. pl. Meteor, double yellow, striped lemon. Pkt.05

1936—Officinalis fl. pl. Prince of Orange. A darker shade than Meteor. Pkt.05

1937—Officinalis fl. pl. A choice double strain, mixed. Pkt.05



CALENDULA (continued).

- 1938**—Pluvialis (Cape Marigold) White, under side of petals lilac, single flowers. Pkt.05
CALIFORNIA Poppy. (See Eschscholtzia).
CALLIOPSIS (H.A.) Popular border plant, useful for cutting; flowers all summer. 2 ft. July-Sept.05
1943—Tinctoria. Golden yellow. Pkt.05
1944—Golden Ray. New and distinct; flowers bright brown and golden yellow, bushes compact and generally covered with a dense mass of bloom. Pkt.05
1945—Star of Fire. A brilliant Tom Thumb variety growing 12 inches high covered with fiery-red Cactus-shaped flowers. Pkt.05
1946—Fire King. Rich crimson flowers. Pkt.05
CAMPANULA (Harebell) (H.P.) One of the most popular of the hardy border plants, and should be included in all herbaceous beds.
1949—Carpatia, blue, broadly bell-shaped; in loose panicles. 12 inches. July-Sept. Pkt.05
1950—Carpatia alba. White. Pkt.05
1951—Macrantha. Blue, a hybrid form with hairy stems, 3 ft. July-Aug. Pkt.05
1955—Pyramidalis. A most beautiful and stately blue flower. Suitable for pot or garden culture. 3 ft. July-Sept. Pkt.05
1956—Pyramidalis alba. The white form of the preceding. 3 ft. July-Sept. Pkt.05
CANARY BIRD CREEPER (H.C.) An annual climber of merit, a quick grower, with canary yellow butterfly-like flowers. July-Sept.
1959—Canariensis. Oz. 30c. Pkt.05
CANNA (Indian Shot) (H.H.P.) Highly effective when planted in clumps or groups; also adapted for pot culture. 3 to 6 feet. Aug.-Sept.
1974—Choicest Mixed. Pkt.10
CANTERBURY BELL (H.B.) Very effective in borders. If sown early under glass will flower first season. 3 ft. July-Sept.
1982—Single Mixed. A variety of color. Pkt.05
1983—Double, Finest Mixed (Hose in Hose). An unequalled strain. Pkt.10
CARDIOSPERMUM (Balloon Vine) (H.C.) A rapid annual climber. Flowers are white, followed by seed pods which are balloon-shaped. Prefers a warm sunny situation. July-Sept.
1985—Halicacabum. Pkt.05
CASTOR OIL PLANT. See Ricinus.
CENTAUREA. These are classified as hardy annuals and perennials. Very effective in the garden. 1½ ft. July-Sept.
2011—Americana. (H.A.) Easily the largest flowered of all. Flowers measure 3 inches or more in diameter and of an attractive shade of lilac. Worthy of a place in all gardens. Pkt.10
2012—Americana alba. Same as preceding except in color. Creamy white flowers. Pkt.10
Cyanus Minor (Bachelor's Button) (H.A.) Single flowers, adapted for cutting.
2013—Emperor William (H.A.) Bright blue (sky). Pkt.05
2014—Mixed. Oz. 30c. Pkt.05
CHRYSANTHEMUM. The single and double form of this popular annual are always in great request as a cut flower. For flower beds they are invaluable. The annual varieties must not be confounded with the autumn flowering or perennial sorts.
2020—Tricolor atrococcineum (H.A.) Dark scarlet flowers. 2 ft. July-Sept. Oz. 50c. Pkt.05
2021—Tricolor Burridgeum (Lord Beaconsfield) (H.A.) White and rose. 2 ft. July-Sept. Oz. 25c. Pkt.05
2022—Tricolor Eclipse (Chamelon) (H.A.) A light coppery bronze, with a bright purplish crimson zone, the blackish purple disc encircled with golden yellow. 2 ft. July-Sept. Pkt.05
2023—Frutescens (Paris Daisy or Marguerite) (H.H.P.) An established favorite; flowers on slender erect stems, with pure white ray florets surrounding a yellow disc. 2 ft. July-Sept. Pkt.05
2024—Inodorum plenissimum (H.A.) A mass of bloom. Flowers double; of a pure snow white color. 1½ ft. July-Sept. Pkt.05
2025—Maximum (Shasta Daisy) (H.P.) Suitable for herbaceous border. Flowers are large, pure white with yellow disc, edge of petals notched. Useful for table decoration. 3 ft. July-Sept. Pkt.10
CINERARIA HYBRIDA. A greenhouse annual, greatly in demand as a pot plant in the spring; used for decorative purposes. This mixture contains a large variety of color; all shades of white, violet, blue and crimson. Cannot be excelled for size and quality. 1 ft. March-April.
2031—McKenzie's large flowered prize strain, mixed. Pkt.50
2036—Stellata (Star Cineraria) (G.F.) This miniature form is hard to beat for cutting and all kinds of decorative work. Blooms freely, and for gracefulness is incomparable. 1½ ft. Nov.-April. Finest mixed. Pkt.50
CLARKIA (H.A.) Very popular and fine for cutting. Colors: white, rose and purple. 1½ ft. July-Sept.
2041—Pulchella. Single mixed. Pkt.05
2042—Elegans. Double mixed. Pkt.05

- COBAEA** (Mexican Ivy) (H.H.P.) A rapid perennial climber, which easily attains the height of 20 to 30 ft. Flowers are blue, large and bell-shaped. Most attractive. Can be treated as a half hardy annual. July-Sept.
2047—Scandens. Pkt.05
COLEUS (H.H.P.) Leaves richly variegated. Ornamental foliage plant. 1 to 3 ft.
2052—Finest mixed. Pkt.15
COLLINSIA BICOLOR (H.A.) Suitable for bedding. Shades of white, violet and blue. 1 ft. July-Sept.
2057—Mixed. Pkt.05
CONVOLVULUS (Climbing Morning Glory) (H.A.) The well-known climber of rapid growth. Essentially the plant for covering walls or unsightly places. Flowers profusely. June-Sept.
2062—Major mixed. Oz. 15c. Pkt.05
2063—Minor mixed (Dwarf Morning Glory) (H.A.) 1 ft. June-Sept. Oz. 15c. Pkt.05
2064—Mauritanicus (H.P.) A beautiful trailing plant, suitable for hanging baskets. 1 ft. July-Sept. Pkt.05
CORNFLOWER. See Centaurea Cyanus.
COSMOS (H.A.) This popular flower comes into bloom when other flowers are on the wane, and thus increases the duration of brilliancy of colors in the garden. Flowers are large and produced on long stems, and are suitable for decorative purposes. 4 to 5 ft. Aug.-Sept.
2074—Lady Lennox. Immense flowers, measuring frequently 4 to 5 inches in diameter; color a beautiful shell pink, of good substance. Pkt.10
2075—Extra Early Flowering. An improved strain which by careful selection will produce flowers in August, and will continue to flower until frost arrives. All shades of red and white. Pkt.10
CYCLAMEN (G.P.) One of the best indoor plants for vases, table decoration, etc. The flowers stand well above the foliage, are very graceful and of brilliant colorings in all shades of red, and pure white. 9 in. Nov.-April.
2080—Persicum, a very good strain, choice mixed. Pkt.10
2081—Persicum giganteum, superb strain mixed flowers of immense size, and strikingly handsome. McKenzie's choicest mixed. Pkt.25
CYPRESS VINE. See Ipomoea.
DAHLIA (H.H.P.) A very attractive plant producing a constant supply of flowers from Aug.-Sept. 3 to 5 ft.
2086—Double, choice mixed. Pkt.10
2087—Cactus, choice mixed. Pkt.15
2088—Pompon, choice mixed. Pkt.10
2089—Single, choice mixed. Pkt.05
Giant Perfection. Large and graceful. In great request for table decoration.
2091—Single, choice mixed. Pkt.10
DAISY, English. See Bellis Perennis.
Shasta. See Chrysanthemum maximum.
DIGITALIS (Foxglove) (H.B.) Gloxiniflora, suitable for borders. 4 ft. July-Sept.
2142—Choicest mixed. Pkt.05
DOLICHOS (Hyacinth Bean) (H.A.) A rapid climber with cluster of bean-like flowers. Aug.-Sept.
2162—Mixed. Pkt.05
FRYSIMUM (H.A.) Charming dwarf annual, bright reddish orange flowers with lance-shaped leaves. 1 ft. July-August.
EDELWEISS. See Gnaphalium.
2177—Perofskianum. Pkt.05
EVERLASTING. See Helichrysum.
2480—Evening Scented Stock. See Matthiola.
FUCHSIA (G.P.) Suitable for the house or shady border, pendant flowers. 33 to 8 ft. March-Oct.
FLAX. See Linum.
FORGET-ME-NOT. See Myosotis.
FOUR O'CLOCK. See Marvel of Peru.
FOXGLOVE. See Digitalis.
2217—Single and double choicest mixed. Pkt.25
GERANIUM (Crane's Bill) (G.P.) The well-known pot plant. 1 to 3 ft. May-Nov.
2235—Apple scented. Leaves very odoriferous. Pkt.25
2236—Zonale. Finest mixed. Pkt.10
2237—New Large Flowering or Show (Pelargonium) Choicest mixed. Pkt.25
GERBERA (Transvaal Daisy) Jamesoni hybrids (G.P.) One of the latest floral novelties, unprecedented for its beauty; colors range from pure white to yellow, orange, pink, scarlet and crimson. Flowers are produced on long stems and last in bloom two weeks after cutting. Distinctly an artistic ornament for the table. Will flower first season if sown early 1 to 1½ ft. July-Sept.
2242—Choicest mixed. Pkt.50
GEUM (H.P.) An excellent border plant with dark crimson flowers. 1 ft. July-Sept.
2247—Atrosanguineum fl. pl. Pkt.05

- GILIA** (H.A.) Shades of lavender, yellow and white useful for beds. 1 ft. July-Sept.
2252—Tricolor. Dwarf mixed. Pkt.05
GNAPHALIUM (Edelweiss) (H.P.) An Alpine plant suitable for rock work. The Swiss National flower 6 to 9 in.
2267—Leontopodium. Pkt.15
GODETIA (H.A.) Merits its popularity, very free flowering, fine for bedding, imparting a gay appearance to the border. 1 ft. July-Sept.
2272—Duchess of Albany. Satiny white. Pkt.05
2273—Duchess of Fife. White, spotted carmine. Pkt.05
2274—Gloriosa (Lord Roberts). Dark glowing red. The darkest of all. Pkt.05
2275—Lady Albermale. Dark crimson. Pkt.05
2276—Lady Satin Rose. Bright carmine, extra rich color. Pkt.05
2277—Finest mixed. Oz. 50c. Pkt.05
GOURDS (Cucurbita) ornamental (H.A.) Vines of rapid growth, suitable for covering verandahs, arbors, etc.
2282—Dipper. Very useful. Pkt.05
2283—Hercules Club. Long, tapering towards the stem end. Pkt.05
2284—Japanese Nest Egg. Useful, color white. Pkt.05
2285—Mixed. Pkt.05
HELICHRYSUM (Everlastings) monstrosum (H.H.A.) Flowers are large and bright in color. Should be cut when partially opened. 1½ ft. July-Sept.
2312—Double mixed. Pkt.05
HELIOTROPE (Cherry Pie) (H.H.P.) Mammoth Flowering. The well-known fragrant flower; the heads frequently measure 12 inches in diameter. Seed sown early will produce flowers in the summer. 2 ft. Aug.-Sept.
2318—Choice mixed. Pkt.10
HESPERIS. See Sweet Rocket.
HONESTY (Lunaria biennis) (H.B.) Very ornamental, much prized for decorative purposes, the silvery seed pods give a charming effect when interspersed in a bouquet. 2 ft. July-Aug.
2342—Choice mixed. Pkt.05
HUMULUS (Japanese Variegated Hop) (H.A.) A rapid hardy climber suitable for covering verandahs logs of wood, etc. Flowers greenish yellow. 15 ft. July-Sept.
2347—Japonicus variegatus. Pkt.10
HUNNEMANNIA (Giant Yellow Tulip Poppy) (H.A.) This variety is the most prolific of all the Poppy family. A succession of bloom can be assured from May sowings, commencing about the middle of July and continuing until late in the fall. Flowers are cup shaped, large, golden yellow and very attractive, the colorings of the wavy petals being enhanced by the clusters of bright orange red stamens in the centre. 2 ft. July-Sept.
2352—Fumaricifolia. Pkt.10
HYACINTH BEAN. See Dolichos.
IBERIS (Hardy Candytuft) (H.P.) An excellent rock or border plant with a mass of small delicate lilac flowers which bloom in early spring. June-July.
2357—Gibraltarica. Pkt.10
ICE PLANT. See Mesembryanthemum crystallinum.
KAULFUSSIA (H.A.) A charming border plant with deep blue ray florets encircling a blue or yellow disc 12 inches. July-Sept.
2376—Amelloides. Pkt.05
LANTANA hybrids (H.H.P.) Suitable as a pot or bedding plant. Flower heads of verbenalike shape in shades of orange, white, rose, etc. 2 ft. July-Sept.
2386—Choicest mixed. Pkt.05
LARKSPUR (H.A.) A most desirable flower in the garden. The handsome spikes of closely formed flowers produced in brilliant hues demonstrate its value as a showy border plant. 1 to 2 ft. July-Sept.
2391—Dwarf Double Rocket. A splendid array of colors. Choice mixed. Oz. 50c. Pkt.05
2392—Double Stock Flowered or Tall Branching. An unsurpassable strain of amazing beauty. Oz. 35c. Choice mixed. Pkt.05
2393—Dwarf Candelabrum. Fine double mixed. Pkt.05
LATHYRUS (Everlasting Pea) (H.P.) A very free growing climber, blooms profusely, flowers odorless. 6 to 8 ft. July-Sept.
2398—Latifolius mixed. Pkt.05
LAVATERA (Tree Mallow) (H.A.) Very showy border plant with large saucer-shaped flowers in red and white. 2 ft. July-August.
2405—Splendens-Sunset.05
2404—Mixed. Pkt.05
LEMON VERBENA. See Verbena.
LEPTOSIPHON French Hybrids (H.A.) An attractive border plant suitable for edgings, all shades of color. 9 inches. July-Sept.
2409—Mixed. Pkt.05

We pay postage on all seeds in packets except where otherwise noted.



LINARIA (Toadflax) (H.A.) A charming border plant, flowers golden yellow and purple, the contrast between the two colors having a pleasing effect; dwarf habit. 2 to 4 ft. July-Sept.

2414—*Reticulata aureo purpurea*. Pkt.05
2415—*Cymbalaria* (Kenilworth Ivy or Mother of Thousands) (H.P.) A graceful dwarf trailing plant with branches 2 ft. long, suitable for hanging basket vases, etc.; flowers lavender and purple with yellow centre, and short spurs. July-Sept. Pkt.10

LOBELIA. The most effective of all border plants for edging and carpet bedding. Plants are compact and free flowering, remaining in bloom all the summer, 4 to 12 in.

2428—*Emperor William* (H.H.A.) Light blue, compact. Pkt.10
2429—*White Gem* (H.H.A.) White. Pkt.10
2430—*Cardinalis* (H.H.P.) The dazzling scarlet flowers immediately attract attention in a flower border. 1 ft. July-Aug. Pkt.15

LOVE'S GROVE. See *Nemophila*.
LOVE IN A MIST. See *Nigella hispanica*.
LOVE LIES BLEEDING. See *Amaranthus caudatus*.

LUNARIA BIENNIS. See *Honesty*.
LYCHNIS (Campion) (H.P.) An herbaceous plant of merit. 2 to 3 ft. June-Sept.

2445—*Chalcedonica*. Dazzling scarlet flowers. Pkt.05
2446—*Haageana* Hybrids. Extra large flowers, shades of scarlet, orange, etc., superior strain. Pkt.10

MALOE (H.A.) An excellent bedding plant. 2 ft. July-August.

2451—*Grandiflora*. Mixed. Pkt.05
MARVEL OF PERU (Four o'clock) (H.A.) A bushy plant, bright, attractive flowers. 2 ft. June-August.

2459—Choice mixed. Oz. 30c. Pkt.05
2470—*Variegated leaves*. Choice mixed. Oz. 50c. Pkt.05

MATTHIOLA (Evening Scented Stock) (H.A.) Flowers of lilac shade usually fragrant in the evening. 1 ft. July-August.

2480—*Bicornis*. Oz. 40c. pkt.05
MESEMBRYANTHEMUM (Ice Plant) (H.H.A.) Dwarf trailing plants with icy-looking foliage flowers white; requires plenty of sun. 6 inches. July-August.

2485—*Crystallinum*. Pkt.05
MIMOSA (Sensitive Plant) (H.H.A.) A peculiar plant which closes its leaves at the slightest touch. Flowers pink. 1 1/2 ft. July-Sept.

2500—*Pudica*. Pkt.05
MIMULUS (Musk) (H.H.P.) Small yellow flowers with fragrant foliage. 6 inches. July-Sept.

2505—*Moschatus*. Pkt.05
2510—*Tigrinus grandiflorus* (Monkey Flower). Large mottled flowers, suitable for pots, rockeries, etc. Prefers a damp situation. 6 inches. July-Sept. Pkt.05

MOMORDICA (Balsam Apple) (H.H.A.) A rapid climber, producing apple-shaped fruits. 15 ft. Sept.

2515—*Balsamina*. Pkt.05
PANSY Giant (H.P.)

MONK'S HOOD. See *Aconitum*.
MOON FLOWER. See *Ipomoea*.
MORNING GLORY. See *Ipomoea* and *Convolvulus*.

MONKEY FLOWER. See *Mimulus*.
MOURNING BRIDE. See *Scabious*.

MUSK. See *Mimulus*.
MYOSOTIS (Forget-me-not) (H.P.) Will flower first year if seed is sown early. Fine for edging. 6 to 12 inches. July-August.

2520—*Alpestris*. Bright Blue, fragrant towards evening. Pkt.05
2522—*Alpestris Victoria*. Sky blue, dwarf, the best for pots. Pkt.10

2523—*Palustris*. Azure blue flowers borne in racemes. Pkt.10

NEMOPHILA (Love Grove) (H.A.) Compact habit, much valued for their gay appearance. 6 to 12 in. July-Sept.

2620—Fine mixed. Pkt.05
NICOTIANA (Tobacco Plant) (H.H.A.)

2625—*Affinis*. White, sweet scented. 2 to 3 ft. July-Sept. Pkt.05
2627—*Sanderæ*. A bright carmine, quite distinct. Pkt.10

NIGELLA (Love in a Mist) *Hispanica* (H.A.) The blue and white flowers have a peculiar appearance. Foliage feathery green. 1 to 2 ft. July-August.

2631—Mixed. Pkt.05
NOLANA (Chilian Bell Flower) (H.A.) A dwarf growing plant of procumbent form. Flowers funnel-shaped, of a beautiful blue color, white in the centre. Suitable for pot and border culture. 6 inches. July-Sept.

2637—*Grandiflora*. Pkt.05

2637—*Grandiflora*. Pkt.05

2637—*Grandiflora*. Pkt.05

2637—*Grandiflora*. Pkt.05

2637—*Grandiflora*. Pkt.05

2637—*Grandiflora*. Pkt.05

2637—*Grandiflora*. Pkt.05

2637—*Grandiflora*. Pkt.05

OENOTHERA (Evening Primrose) (H.A.) Fine bushy plants, showy and free flowering. 9 to 12 inches. July-Sept.

2642—*Rosea Mexicana*. The smallest of the species, flowers rose color, usually more expanded early in the morning and late in the evening. Pkt.05

2647—*Taraxacifolia alba* (Acaulis) Large white flowers, with narrow tube, becoming red with age. Pkt.10

ORNAMENTAL GRASSES

In Large Demand for Bouquet Work, and Ornamental in the Garden

AGROSTIS (H.A.) Very graceful panicles of flowers; one of the best for bouquet work. 1 ft.

2652—*Nebulosa*. Pkt.05
AVENA (Animated Oats) (H.A.) A valuable adjunct for the table decoration. 1 1/2 ft.

2653—*Sterilis*. Pkt.05
BRIZA (Quaking Grass) (H.A.) A graceful species for bouquets with spikelets of straw color, hanging gracefully at the end of long stems. 1 ft.

2654—*Maxima*. Pkt.05
BROMUS (Brome Grass) (H.A.) Drooping panicles on slender hanging stalks; suitable for bouquets. 1 1/2 ft.

2655—*Briziformis*. Pkt.05
COIX (Job's Tears) (H.A.) Small pearly seed heads standing above the broad foliage. 2 ft.

2656—*Lachryma*. Pkt.05
ERAGROSTIS (Love Grass) (H.A.) A natural grass for bouquets, light and graceful. 1 ft.

2657—*Elegans*. Pkt.05
HORDEUM (Squirrel tail grass). Very graceful and feathery, useful winter decoration. 1 1/2 ft.

2651—*Jubatum*. Pkt.05
LAGURUS (Hare's Tail Grass) (H.A.) Small white, hairy or woolly flower heads, adapted for decorative purposes especially when cut before ripe, as they last longer. 1 ft.

2658—*Ovatus*. Pkt.05
ORNAMENTAL GRASSES. The foregoing collection.

2661—Mixed. Pkt.05

PAEONY (H.P.) An excellent plant for herbaceous borders, imparting a vivid impression on account of the size and quality of the flowers. 3 1/2 ft. July-Sept.

2662—Choice mixed. Pkt.10
PANSY Giant (H.P.)

Bedding Varieties

2695—*Emperor William*. Cornflower blue with three purple violet blotches, very fine. Pkt.05
2696—*Gold Margined*. Very fine. Pkt.05

2697—*King of the Blacks*. A lustrous jet black; an extra fine strain. Pkt.05
2698—*Lord Beaconsfield*. A purple violet, top petals white; splendid. Pkt.05

2699—*President Carnot*. White, each petal blotched, violet, very fine. Pkt.05
2700—*Striped and Mottled*. An extra fine strain. Pkt.05

2701—*Victoria*. A wine-red, a superb color. Pkt.05
2702—*Fine mixed*. Highly recommended. Pkt.05

Tufted or Scotch Pansies. See *Viola*.
PAPAVER. See *Poppies*.

PENTSTEMON (H.P.) The seed has been saved from a very choice collection. The *Gloxinia*-like flowers are very large; produced in long handsome spikes, varying in shades of white, purple, rose, pink, and scarlet. Beautifully marked and veined. A handsome border plant. 2 ft. Aug-Sept.

2707—*McKenzie's choice large flowered hybrids* mixed. Pkt.10
PETUNIA (H.H.P.) The bedding varieties are always popular, as they last for a long time in bloom, and flower profusely. Plants are dwarf and compact and are suitable for pot culture. 1 to 3 ft. July-Sept. Hybrid. A good selection of varied colors.

2718—Single choice mixed. Pkt.05
2719—*Howard's Star*. Single bicolor, purple and white. Pkt.10

2720—*Adonis*. Carmine with white throat; single. Pkt.10
2721—*Snowball*. Pure white, single. Pkt.10

2722—*Dwarf Inimitable*. Striped and blotched, very effective. Pkt.10
PHLOX (H.H.A.) A popular bedding plant. 1 to 1 1/2 ft. July-Sept.

2750—*Drummond's mixed*. A good strain. Oz. \$2.00 Pkt.05

2751—*Cuspidata* (Star Phlox) Choice mixed. Pkt.10

2752—*Perennials* (H.P.) Saved from large flowered varieties. Finest mixed. Pkt.10

PIMPERNELLE. See *Anagallis*.
PINKS. See *Dianthus*, *Specialties*, page 69.

PLATYCODON (Japanese Bell Flower) (H.P.) Very graceful and charming flowers. Immensely attractive when planted in mixed borders. 1 1/2 ft. July-Sept.

2708—*Grandiflora*. Blue. Pkt.10
2709—*Grandiflora alba*. White. Pkt.15

2710—*Grandiflora Mariesi*. Large, open, bell-shaped, deep blue flowers. Pkt.15
POLYANTHUS (H.P.) A popular border plant; blooms in umbels in early spring. 6 inches. June-July.

2762—*Gold laced*. Pkt.10
POPPY. No other flower produces such vivid and dazzling colors. Very effective in the border. 1 to 4 ft. July-Sept.

Single Annual Varieties

2767—*McKenzie's Selected Strain Shirley* contains many charming colors. Mixed. Oz. 50c. pkt.05

2772—*The Bride*. Pure white *Pæony* flowered. Pkt.05
2773—*Mephisto*. Scarlet with black spots. Carnation flowered. Pkt.05

2774—*Danebrog*. Scarlet, blotched silvery white. Carnation flowered. Pkt.05
2775—*Glaucum* (Tulip Poppy). Outer petals vivid scarlet, shaded orange with violet black stamens; abundant bloomer. Pkt.05

2776—*Loevigatum*. Dark scarlet, black spots at base, with a border of the white around the edges. Pkt.05

Double Annual Varieties

2781—*Carnation* flowered. Mixed. Oz. 30c. Pkt.05
2785—*Japanese Pompon*. Petals are exquisitely curled. Pkt.05

Perennial Varieties

2790—*Bracteatum*. Scarlet, similar to the *Orientele*. Pkt.05
Nudicaule (Iceland Poppies). Very graceful, incomparable for table decoration. Many delicate and pretty shades.

2791—Mixed. Pkt.10
2793—*Orientele*. Single Hybrids. The largest of all poppies; brilliant colors. Finest mixed. Pkt.10

PORTULACA (Purslane) (H.A.) An exceptionally fine bedding plant; withstands the heat well. 6 inches. July-Sept.

2798—Finest Single Mixed. Oz. 75c. pkt.05
2799—Finest Double Mixed. Pkt.10

PRIMULA. An excellent pot plant. The hardy perennial varieties are also suitable for rockeries, etc. *Sinensis* (Chinese Primrose) (G.A.) Large flowered fringed. 6 in. Sept-April.

2804—Single Choice mixed. Pkt.25
2805—Double choice mixed. Pkt.05

PRIMULA (Obconica) (G.P.) Cluster of flowers produced on long stems, perpetual flowering. 9 in.

2806—*Grandiflora*. Pkt.15
2807—*Japonica* (Japanese Primrose) (H.P.) Very hardy flowers; blue, borne in clusters. 1 ft. June, July. Pkt.10

2809—*Vulgaris* (Common Primrose) (H.P.) Yellow. 6 inches. June-July. Pkt.10
PYRETHRUM (Golden Feather) (H.H.P.) An ideal plant for edge of borders. Flowers yellow; grown for its attractive foliage. 6 inches.

2814—*Aureum*. Pkt.05

RHODANTHE (Straw Flower) (H.A.) An everlasting. Suitable for bouquets. Plant in border or pots. 1 1/2 ft. July-August.

2826—*Manglesi*. Soft rosy pink with yellow centre. Pkt.05
2827—Mixed. Pkt.05

RESEDA. See *Mignonette*.
ROCKET SWEET. See *Hesperis*. (Also Sweet Rocket).

RUDBECKIA (Cone Flower) For cutting, these hardy annual and perennial plants would be difficult to excel, the flowers lasting a long time. An excellent border plant, showing up well in mixed borders. 2 to 5 ft. July-Sept.

2837—*Speciosa bicolor* (H.A.) Single yellow flowers with blackish purple conical disc. Pkt.05
2839—*Golden Glow* (H.P.) Increases in popularity each season; flowers large double, of a sulphur-yellow color. Excels for decorative purposes. Pkt.10

SALPIGLOSSIS *grandiflora* (H.A.) One of the popular border plants. The large *Petunia*-shaped flowers which are richly veined and marked, present a charming sight when planted in clusters. 2 ft. July-Sept.

2844—Choice mixed. 1/2 oz. \$1.50. Pkt.05



SALVIA (Scarlet Sage) (H.H.P.) The dense mass of dazzling scarlet flowers are a source of admiration in the garden. The flowers are produced in sturdy, compact bushes, and at a distance the density of bloom gives a beautiful brilliant effect impossible to describe. Flowers first year from seed sown under glass in Feb. or March. 1 to 3 ft. Aug.-Sept.

2849—Bonfire. Erect spikes of bright scarlet flowers Pkt.10

2850—Lord Fauntleroy. Dwarf, compact bushes, deep red flowers. Pkt.10

2851—Splendens. A flaming red. Pkt.10

2852—Patens (Blue Sage) Deep blue flowers. Makes an attractive pot plant; of dwarf habit, quite unique. Pkt.15

SCABIOSA (Pincushion Flower) (Mourning Bride) Invaluable as a cut flower. Suitable for borders; the flowers are borne on long erect spikes and afford a fine display all summer. 2 to 3 ft. July-Sept.

2857—Double Large Flowering. (H.A.) Comprises a grand assortment of color. Highly recommended. Mixed. Pkt.05

2858—Dwarf Double. (H.A.) Produces a gorgeous array of flowers. Mixed pkt.05

SCHIZANTHUS (Butterfly Flower, or Poor Man's Orchid) (H.H.A.) Unsurpassed for bouquets and buttonholes, and excels as a border plant. Of branching growth; flowers in profusion. 1½ to 2 ft. July-Sept.

2865—Grahami. Rose colored flowers, underlip yellow, tinged with lilac. Very floriferous; a popular shade. Pkt.05

2867—Large Flowered. Saved from very large flowers of exquisite colors. Finest mixed. Pkt.10

SEA LAVENDER. See Statice.

SENSITIVE PLANT. See Mimosa pudica.

SHASTA DAISY. See Chrysanthemum Maximum.

SILENE (Catchfly) (H.A.) A compact plant, producing single and double flowers of extreme beauty and gracefulness. 6 inches. July-Sept.

2872—Pendula compacta. Snow King, pure white, very dwarf. Pkt.05

2873—Pendula compacta. double mixed, extra choice. Oz. 50c, pkt.05

SNAPDRAGON. See Antirrhinum.

SOLANUM (Jerusalem Cherry) (H.H.P.) A popular pot plant of dwarf compact growth, producing bright red berries of globular form throughout the winter and spring. 1 to 2 ft.

2878—Capsicastrum. Pkt.05

STATICE (Sea Lavender) (H.P.) A charming perennial border plant, fine for cutting. Flowers will last throughout the winter when dried. Produced in umbels on long stiff stalks. 1 ft. July-Sept.

2885—Incana nana. Pale blue and white, dwarf habit. Mixed. Pkt.05

2886—Latifolia. Pale lavender, very popular. Pkt.05

STEVIA (H.H.A.) Adapted for pot or border culture. Flowers may be obtained throughout summer and winter. Fine for cutting. 1½ to 2 ft.

2883—Serrata. Pkt.05

STOCKS. The well-known bedding and pot plant with densely covered spikes of sweet scented double flowers. The winter flowering varieties may be treated as annuals, and usually have a high percentage of double flowers. 1 to 2 ft. July-Sept.

Ten Week (H.H.A.) In variety. See page 75

2907—Beauty of Nice (H.B.) Large beautiful spikes of delicate flesh pink. Pkt.10

2908—Crimson King (H.B.) Tall long spikes of a splendid rich crimson color. Pkt.10

2909—Brompton or Winter (H.P.) A superb mixture of double flowers. Pkt.15

2910—White Lady (H.B.) A large flowering Brompton Stock about 20 inches high, and arrayed in remarkably handsome foliage. Very double flowers of a lustrous snowy white. It blooms early and remains a long time in flower. Pkt.15

2911—East Lothian (H.B.) An unexcelled strain, with handsome double spikes, flowering in the autumn when the Ten Week Stocks are practically over. Choice mixed. Pkt.15

S TOKESIA (Cornflower Aster) (H.P.) This variety merits attention. It is of easy culture and will flower first year from seed when sown early, but requires a sunny position in the garden. The flowers are invaluable for cutting, measuring 3 inches or more in diameter; of a handsome lavender blue shade. Makes an ideal border plant. 2 ft. Aug.-Sept.

2916—Cyanca. Pkt.15

SUNFLOWER. See Helianthus, page 71.

SWEET PEAS in variety and mixture. See Specialties, pages 62 to 65.

SWEET ROCKET (H.P.) An old fashioned border plant, spikes in colors of white, purple and lilac. Very showy. 2 to 3 ft. July-Sept.

3062—Mixed. Pkt.05

SWEET SULTAN (H.A.) Popular hardy bedding plant; flowers freely and lasts fresh a long time in water; of easy culture; very sweet scented. 2 to 3 ft. July-Sept.

3067—White. Pkt.05

3068—Dark Purple. Pkt.05

3069—Yellow. Pkt.05

THUNBERGIA (Black-eyed Susan) (H.H.A.) A quick grower, but requires a sunny position useful for covering verandahs, suitable for hanging baskets. Various shades of white, yellow and buff; fragrant. 4 ft. July-Sept.

3087—Fine mixed. Pkt.05

TAGETES

3082—Signata pumila. Pkt.05

TROPAEOLUM canariense. See Canary Bird.

VERBENA (Vervain) (H.H.P.) A great acquisition to any flower garden. Commerce blooming in spring, and supply a mass of flowers in terminal spikes in many charming shades throughout the summer. Flowers are produced in clusters which are decidedly captivating to the eye. Sweet scented. 6 to 15 in. July-Sept.

3099—Hybrida mixed. Oz. \$2.00, ½ oz. \$1.25. Pkt.05

3100—Erinoides (Moss Verbena) (H.A.) Produces a mass of moss-like foliage of spreading dwarf habit. The purplish flowers are borne in trusses and are produced in abundance throughout summer and autumn. Pkt.05

3101—Erinoides alba. White, same form as preceding. Pkt.05

3102—Venosa (Hardy Green Verbena) (H.P.) Blackish violet in umbel-like heads, fine for groups or edging. Sow early, as seeds germinate slowly. Pkt.05

3103—Lemon (Aloysia citrodora) (H.H.P.) Very fragrant foliage which when dried retains its aroma for a long time. It is equally suitable for borders in the summer, and pot culture in winter. Flowers small and whitish, or pale lilac on slender spikes. Pkt.10

VERONICA (Speedwell) (H.P.) A hardy border plant with erect dense spikes of light blue flowers with long purple stamens. 1½ ft. July-Aug.

3108—Spicata. Pkt.10

VINCA (Madagascar Periwinkle or Old Maid) (H.H.A.) A well-known bedding plant, also suitable for pot culture. Plants of erect habit, with glossy foliage A free-bloomer. 1 ft. July-Aug.

3113—Rosea. Bright rose. Pkt.10

3114—Rosea alba. White, with distinct rosy eye. Pkt.10

VIOLA (Tufted Pansies) (H.H.P.) Scotch Prize. Cannot be excelled for border edging. Very free flowering, giving a constant supply of flowers of lovely shades throughout the summer. Sow early for flowering same year. 6 inches. July-Sept.

3119—Finest mixed. Pkt.10

3120—Odorata (Sweet Violet) Sweet scented. Mixed. Pkt.10

VIRGINIAN STOCK (H.A.) One mass of flowers all summer. 6 inches.

3124—Mixed. Oz. 35c, pkt.05

VISCARIA Oculata (H.A.) Flowers profusely; of a bright red color, compact bushes of a dwarf growth. Fine for cutting. 1 ft. July-August.

3129—Dwarf Perfection. Pkt.05

WALLFLOWER (H.H.P.) A harbinger of spring; flowers very fragrant. 1 ft. June.

3134—Single Extra Early Parisian. Will flower first year if sown early. Mixed. Pkt.10

3135—Single blood red. Pkt.05

3136—Single Harbinger, very early, brown. Pkt.05

3137—Single fine mixed. Pkt.05

Double Dwarf. A very fine strain, producing magnificent spikes of all shades of color.

3139—Finest Mixed. Pkt.10

WILD CUCUMBER. See Echinocystis.

WILD FLOWER GARDEN (H.A.)

3143—Assorted colors. Pkt.05

XERANTHEMUM (H.A.) Everlasting flowers for winter decoration. July-August.

3148—Double Mixed. Pkt.05

ZEA (H.A.) Leaves beautifully striped with white, rose and yellow; very effective in the border. 3 to 4 ft.

3153—Japonica Variegata. Pkt.05

ZINNIA (H.H.A.) Very showy. The large globular flower heads in many shades of color are very gorgeous, and make quite an attractive display in a mixed border or when massed together. 1 to 2 ft. July-Sept.

3158—McKenzie's Dwarf Flowering Varieties. Superb Mixture. Oz. 50c, pkt.05

3166—Curled and Crested. Petals are twisted and curled, giving the flowers a peculiar and fantastic appearance. Double mixed. Pkt.10

War Time Gardening

It is the patriotic duty of civilians in every walk of life to make surrender and sacrifice.

To urge a person to practice economy seems to be only a commonplace suggestion. But the subject is one which cannot be too strongly emphasized and as time goes on the need becomes greater.

NOW IS THE TIME

to make every available foot of land in Canada produce foodstuffs to its utmost capacity. It is EVERYBODY'S bounden duty to do National Service by planting a garden large or small. Make the back yard and vacant lot yield food. The call for food is so imperative that it devolves upon everyone to cultivate a vegetable garden.

THE QUESTION OF THE HOUR

is to avert a world-wide famine. If you have land be it farm or garden or ranch you must do your bit. Mobilization of production is largely a question of individual effort. Get busy—The spade or hoe is as mighty as the sword this year.

BE PATRIOTIC IN ACT AS WELL AS IN THOUGHT



Planet Jr. Garden Tools



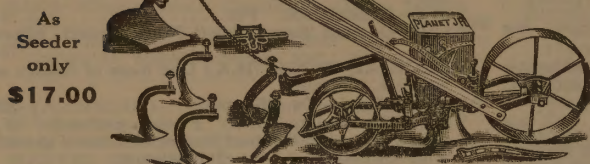
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The New "PLANET JR." Catalog is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

For use as a cultivator, the drill parts are removed and the tool frame substituted by changing but one bolt; it is then a perfect single wheel hoe.

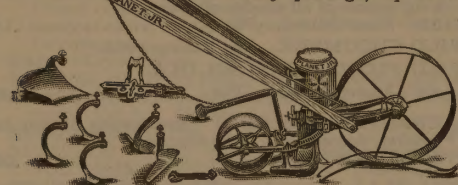
Holds $2\frac{1}{2}$ Quarts of Seed
Price complete **\$20.00**
Weight 50 lbs.



As
Seeder
only
\$17.00

No. 6 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Drops all garden seeds in hills and sows in drills, in a narrow line, to any depth required, covers, rolls and marks the next row, all at one passage. It hoes, cultivates and plows all garden crops completing a row at every passage, up to 16 in. in width.



Holds over
2 Quarts
of Seed
Price
complete
\$28.75
Weight
packed
64 lbs.

No. 17½ Planet Jr. Single Wheel Hoe

The handles are adjustable in height. The frame is steel, convenient and strong, with quick change device to exchange tools without removing nuts. Equipment includes a pair of 6-inch hoes three cultivator teeth and leaf lifter.



Steel Frame
Price **\$8.50**
Weight 20 lbs.

No. 1 Planet Jr. Combined Drill Seeder, Wheel Hoe, Cultivator and Plow

The index contains the names of the principal seeds. The drill is set right for any seed when the name appears through the slot. The change is made by opening the cam, sliding the band to the required place, then closing it.

Weight packed, 47 lbs.

Holds 3 Pints
of Seed
Price, with Tools, as
shown, **\$17.25**
As a Seeder only
No. 2 Price
\$14.25



No. 11 Planet Jr. Double Wheel Hoe Cultivator and Plow

This is the best combined double and single wheel hoe made. The steel frame can be set at different heights. Weight packed 39 lbs.

\$17.25

No. 13 Planet Jr. Double and Single Wheel Hoe Combined

Has same frame, wheels and handles as Nos. 11 and 12 but has for equipment one pair of 6 in. hoes only. Weight packed 28 lbs.

\$10.00

No. 5 Planet Jr. Hill and Drill Seeder

Undoubtedly the best made for market gardeners, bean growers, onion set growers, and any large planters. Very similar to No. 3. Weight packed 51 lbs.

\$23.25

No. 2 Planet Jr. Drill Seeder

Plants all varieties of garden seeds admirably. Especially adapted to planting small seeds shallow. Very strong.

Weight packed 41 lbs.

\$14.25

No. 12 Planet Jr. Double and Single Wheel Hoe

Identical with No. 11 except that the $4\frac{1}{2}$ -in. hoes and the rakes are not included in the equipment. Weight packed 33 lbs.

\$14.25

Fire Fly Garden Plow

Exceedingly useful to small gardeners. Essentially the tool for the busy man with limited time for family gardening.

Weight packed 14 lbs.

\$4.75

No. 31 Planet Jr. New Combined Drill Seeder, Cultivator and Plow

A most desirable implement for gardeners. It sows all Garden Seeds any thickness desired, with the greatest precision and to the last seed.

Weight complete
packed, 30 lbs.

Price complete,
\$14.75



No. 3 Planet Jr. Hill and Drill Seeder

The thickness of seed is regulated by an accurate index with brass screw indicator; it contains the names of the important seeds. In plain view at the top of Handle, and is carefully graduated both for hills and drills.



Holds
 $2\frac{1}{2}$ Qts. of
Seed
Price
\$20.50
Weighed,
Packed,
61 lbs.

No. 14 Planet Jr. Double Wheel Disc Hoe, Cultivator and Plow

This new tool will give excellent satisfaction; is especially pleasing to all who work peat lands. There are three oil-tempered discs on either side.

Price with
Attachments,
as in cut,

\$16.00
Weight 38 lbs.



No. 25 Planet Jr. Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow

The simplicity of this tool, both as a seeder and as a wheel hoe, makes the combination thoroughly practical.

Price
\$24.00
Weight,
packed
61 lbs.



Holds $2\frac{1}{2}$ Quarts of Seed

No. 81 Planet Jr. Horse Hoe Cultivator and Hiller Combined

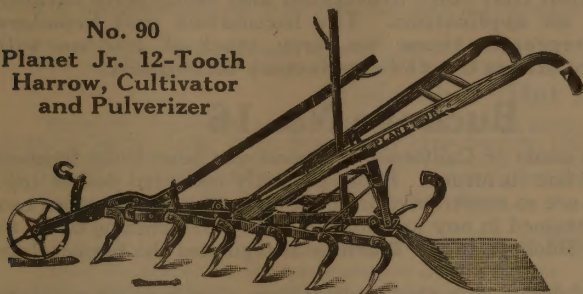
Has six 3-in. cultivator teeth, two 6-in. side plows and a 12-in. furrowing tooth, making an admirable equipment for all widths of cultivation and for hilling crops up to four feet apart.



Price
\$22.25

Weight,
Packed,
89 lbs.

No. 90 Planet Jr. 12-Tooth Harrow, Cultivator and Pulverizer



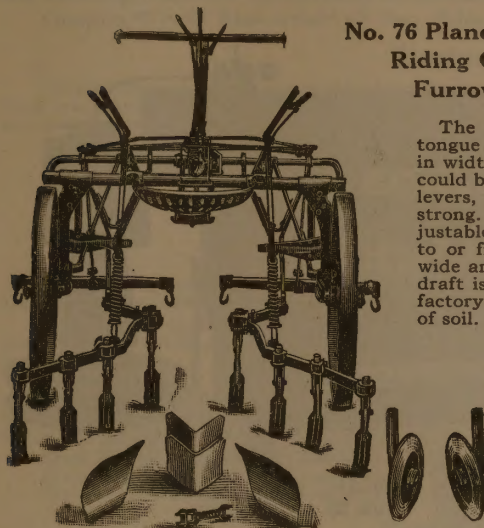
This is a special favorite with strawberry growers market gardeners and truckers.

Complete with Steel Wheel
\$21.50

Weight,
packed, 74 lbs.

No. 76 Planet Jr. Pivot Wheel Riding Cultivator, Plow, Furrower and Ridger

The arch is high, frame and tongue are of steel and the change in width of the wheels is all that could be desired. It has powerful levers, and the gang frame is strong. The standards are adjustable for depth, and to throw to or from the row. The extra wide arch is very desirable. The draft is arranged to insure satisfactory work in all conditions of soil.



Price, complete,
\$93.50

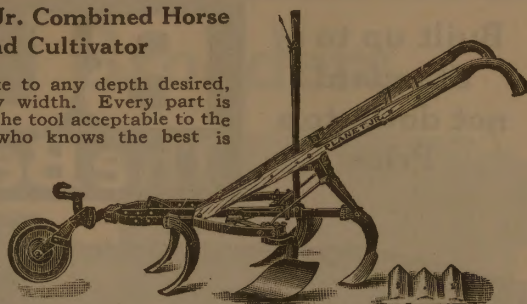
Weight, packed,
526 lbs.

No. 8 Planet Jr. Combined Horse Hoe and Cultivator

You can cultivate to any depth desired, and adjust for any width. Every part is perfected to make the tool acceptable to the intelligent farmer who knows the best is always the cheapest.

Weight packed
83 lbs.

Price with
Steel Wheel
\$21.75

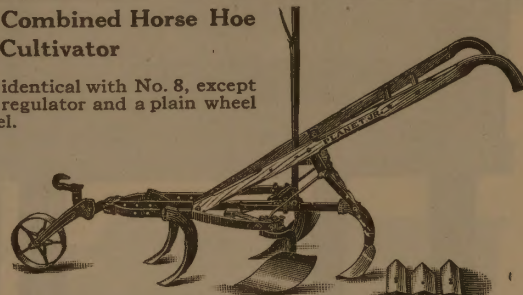


No. 9 Planet Jr. Combined Horse Hoe and Cultivator

This Horse Hoe is identical with No. 8, except that it has no depth regulator and a plain wheel instead of lever wheel.

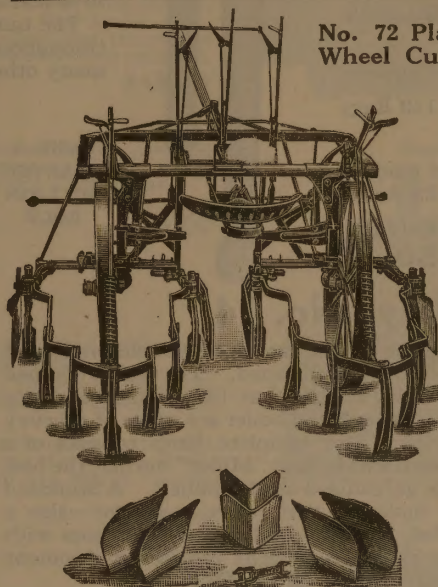
Price, with
Steel Wheel,
\$18.50

Weight, packed,
70 lbs.



No. 72 Planet Jr. Two-row Pivot Wheel Cultivator, Plow, Furrower and Ridger

With the improved No. 72 we complete the cultivation of two rows at one passage at all widths from 28 to 44 in. inclusive, and the implement is especially built to do this when the rows are irregular. This tool is so designed that the operator can make changes in width of gangs instantly while in motion, by means of a handy lever for each gang, so as to accommodate the machine perfectly to rows which vary greatly in width.



Price, \$123.50

Weight, 574 lbs.

Planet Jr. Repairs.

We carry a complete stock of repairs at Brandon. Remember—every piece has a number; when ordering give this number and also the number of the machine it is to be used on. We list below a partial list of repairs most in demand. While we carry generous stocks, we furnish Repairs at prices quoted so long as stocks last. When necessary to import an order direct from the manufacturer, we are obliged to add to price quoted whatever the express charges are to Brandon.

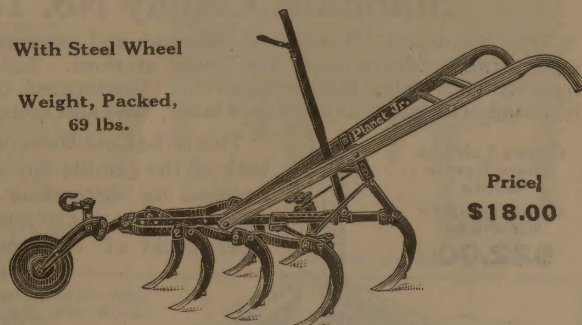
C 9 Drum for No. 1 Combined Drill Seeder	\$3.10
C 16 Upper Spout for No. 1 Drill Seeder	.85
C 23 Roller for No. 1 Drill Seeder	1.65
C 28 Roller Carrier for No. 1 Drill Seeder	1.95
R 3 Plow complete for Wheel Hoe and Combined Drills	2.80
R 5 Plow complete for Wheel Hoe and Combined Drills	2.90
K 248 Left Hand Seed Coverer for No. 4	.60
K 249 Right Hand Seed Coverer for No. 4	.60
K 409 Roller Carrier for No. 4	1.55
K 410 Roller for No. 4	1.75
K 243 Wheel Arm L. H. for No. 4	.60
K 290 Wheel Arm R. H., for No. 4	.95
K 412 Frame for Wheel Hoe	1.95
K 270 Opening Plow	1.35
K 280 Onion Opening Plow, 2 1/2 in. wide	1.65
K 246 Spout for No. 4	2.25
1258 Pinion Rod	.55
C Standard only for Hoe, L. H.	.55
D 1 Standard only for Hoe, R. H.	.55
109 X (C. and 552) Hoe Complete, L. H. 4 1/2 inches	1.10
108 X (D1 and 553), Hoe Complete, R. H. 4 1/2 inches	1.10
46 X (C and 1092), Hoe Complete, L. H. 6 inches	.20
47 X (D1 and 1093), Hoe Complete, R. H. 6 inches	.20
449 X (C and 1700), Hoe Complete, L. H. 7 inches	.40
450 X (D1 and 1701), Hoe Complete, R. H. 7 inches	.40
436 X (C and 997), Hoe Complete, L. H. 8 inches	.45
437 X (D and 998), Hoe Complete, R. H. 8 inches	1.45

No. 83 Planet Jr. Seven Tooth Plain Cultivator

With Steel Wheel

Weight, Packed,
69 lbs.

Price
\$18.00



The Planet Jr. Seven Tooth Plain Cultivator, in the opinion of those who ought to know, is the coming one-horse cultivator, having seven teeth instead of five. The teeth are 2 1/4 inches wide and their work is finer and much more thorough than that of the five tooth cultivator. A great favorite where fine cultivation is desired.

All Prices on this page are f. o. b. Brandon, except where otherwise noted.

Built up to a
Standard
not down to a
Price

BUCKEYE

The Best Incubator Made

Prices quoted
are
f. o. b.
Brandon



No. 16
(Style E)

A Genuine
Buckeye

Capacity
120 Eggs

Weight, crated ready for
shipment 85 lbs.

Price complete ready for use
\$26.50

OVER A
QUARTER
MILLION
SOLD

After many years test the "Buckeye" manufactures have proved dependable and we have pleasure in offering those below for the first time. It is with much confidence that we place these incubators and brooders before our customers feeling sure they will measure up to all the makers claim for them.

Limitation of space precludes our saying all we would like. Suffice to mention that fully illustrated and descriptive catalog will be mailed on application. The incubators and brooders quoted below represent those we carry stock of and we will gladly order any others direct from factory on request.

Buckeye No. 16

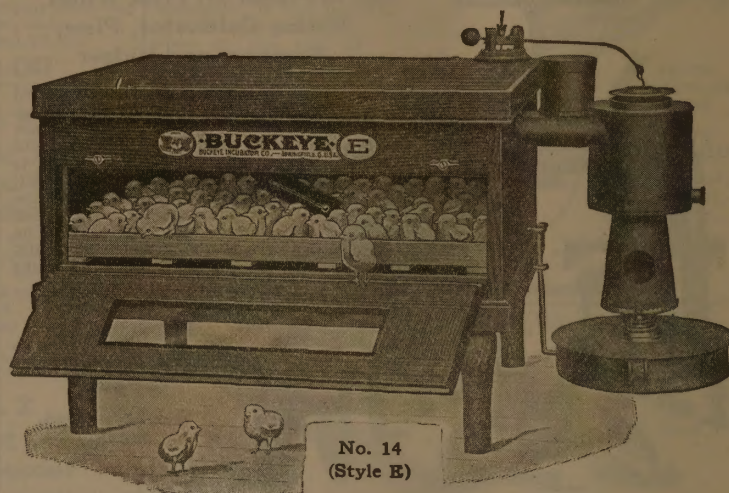
The case is made of California red-wood and beautifully finished like a piece of fine furniture. It has perfectly insulated double top, and the walls are so constructed that the necessary temperature can easily be maintained in any location—even if it be freezing or up to

100 degrees. A Standard Buckeye Metal Thermostat regulates the temperature to a fraction of a degree.

The tank is an improved design that absolutely insures a uniform temperature throughout the egg chamber. Equipment is identical with No. 14 in above and many other respects.

Buckeye No. 14

Similar to No. 16 as regards finish, insulated double walls and ease with which temperature can be maintained. The tank is equipped with an extra large boiler of new design, that insures the necessary heat in any temperature. Both tank and boiler are made of a heavy patented, rust-resisting metal. The complete lamp consists of a seamless, galvanized-steel bowl, a wide base "Miller" burner (the best burner made) and a one-piece galvanized-steel chimney. A Standard Buckeye Thermometer is included with each incubator—also a standard thermometer-holder. A Standard Egg Tester goes with every incubator. Capacity 65 eggs. Weight crated for shipment 55 lbs. Price complete ready for use **\$15.00**.



No. 14
(Style E)

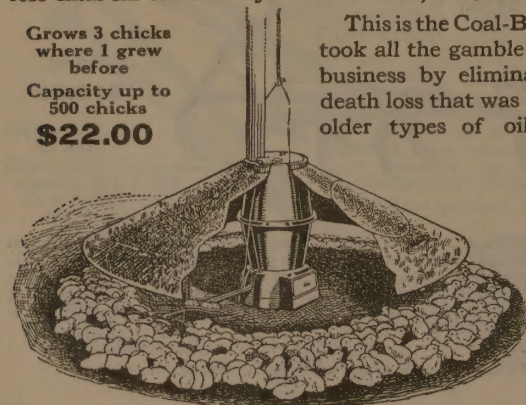
Buckeye Brooders

Standard Colony No. 18

The "Standard" Brooder is endorsed and recommended by all agricultural colleges and experiment stations. Self-feeding, self-regulating, simple, safe, everlasting. Guaranteed operating cost less than six cents a day. Saves labor, time and money.

Grows 3 chicks
where 1 grew
before
Capacity up to
500 chicks
\$22.00

This is the Coal-Burning Brooder that took all the gamble out of the chicken business by eliminating the excessive death loss that was so common with the older types of oil-burning brooders.



You fill this brooder with coal once a day and then it takes care of itself. It requires no special kind of house and is guaranteed to operate satisfactorily in any room big enough for the chicks.

Buckeye Portable

The only Oil-Burning Brooder with all the desirable features of the modern Coal Burner.

The Security Portable Brooder is all that the name implies—and more. It is the only lamp-heated brooder ever invented that possesses every desirable qualification for the welfare of the little chicks. It is the only oil-burning brooder that provides every ideal condition which you know to be necessary to the health and growth of the chicks, and its construction is so simple that the operator cannot go wrong. There is nothing nothing to get out of order, nothing to look after—and that requires filling but once in 24 hours. bination of "Security" and "Simplicity," which insures those "just right" conditions that are so absolutely essential to the health and growth of the baby chicks.

so simple that
to adjust,
but the lamp
It is a com-

No. 20	No. 21
Diameter 19 ins.	Diameter 22 ins.
Capacity 60 chicks	Capacity 100 chicks
\$10.50	\$13.00



Cyphers Incubators and Brooders

Cyphers Standard Incubators and Brooders are well known and do not call for any special comment from us. It gives us pleasure to offer the undernoted which represents the particular machines we carry stock of ready for prompt shipment.

Incubators

Standard

These machines have been recognized as the "Standard hatchers of the world." Tens of thousands of them have been sold and are in successful use in every civilized country on the globe. They are the last word in incubator building, not a cent being spared anywhere in their construction to make sure of their doing satisfactory work in all climates, under widely different conditions. They are built to hatch and to last. With ordinary care they last a lifetime. Every Cyphers Incubator is guaranteed by the manufacturers to do first-class work in the hands of every purchaser who will give it a fair trial.

No. 2. Capacity 244 Eggs, weight 215 lbs. Price..... \$46.00

No. 3. Capacity 390 Eggs, weight 260 lbs. Price..... \$53.00

Columbia (Hot Air)

Have wooden cases, attractively finished in dark green, with brass trimmings and double walls. Seamless-bottom lamp bowls, best quality brass burners, zinc and steel Standard Cyphers toggle-joint thermostat. Fume proof, forced draft heater, asbestos covered and metal banded. Automatic in ventilation and embodies diffusive principle. Roomy chick nursery under egg trays.

Capacity 200 to 250 Eggs, weight 110 lbs. Price..... \$29.00

Superior (Hot Water)

They are heated by hot water instead of with hot air. The water boiler and tank (tubular) are of heavy-weight copper. Lamp has seamless bowl; burner is best on market. Has double walls, with air space insulation. Equipped with Standard Cyphers zinc and steel, toggle-joint thermostat and knife-edge regulator. Forced water circulation and automatic ventilation. Roomy chick nurseries.

Capacity 60 to 65 Eggs, weight 33 lbs. Price..... \$15.00

Electrobrators

The advantages of the use of electricity for incubating and brooding purposes are many. Briefly, they are: Economy in use, labor included; convenience in location of incubator; absence of fumes and gases; perfect distribution of heat in the egg chamber; simplicity and accuracy of regulation.

No. 1. 60 Eggs, weight 40 lbs. Price..... \$21.00

No. 2. 120 Eggs, weight 65 lbs. Price..... \$24.00

Brooders

Standard

They are equipped with the same type of high-grade thermostat as used on the Standard Cyphers Incubator—you can, therefore, depend upon an even, steady temperature in the hover.

The outdoor styles are usable also as colony coops for the growing chicks. They are easily and quickly converted into colony roosting coops by simply taking out the hover, which is made removable for that purpose.

THIS DOUBLE USE of the Cyphers Brooder means a considerable saving of money. It makes a safe and comfortable enclosure for the young chicks at night, and saves the buying of a coop for them. On account of their fire-proof construction, can be used indoors. Both outdoor and indoor, contain either two or three apartments.

Style A Outdoor Brooder, Capacity 75 Chicks, weight 135 lbs. Price..... \$20.00

Style C Outdoor Brooder, Capacity 100 Chicks, weight 220 lbs. Price..... \$26.00

Style D Indoor Brooder, Capacity 75 Chicks, weight 120 lbs. Price..... 20.00

Portable Hover

The Cyphers Portable Hover is self-regulating and self-ventilating. As it is equipped with the same high grade thermostat as the Cyphers Incubators and the Cyphers Adaptable Hover, it maintains a steady and uniform heat. It is positively and unfailingly automatic in ventilation, preventing the trapping of "dead" air or poisonous gases underneath the curtain. A continuous supply of fresh, warmed air is automatically forced beneath the hover.

This Portable Hover, as its name indicates can be moved about without hindering its operation. Very convenient for cleaning and moving. Weight 40 lbs.. Price..... \$12.00

Paradise Brooder

For Indoor Use. Sold in One, Two, Three or Four Sections.

It embodies the correct principles of brooding chicks and ducklings by artificial means, namely: heat, light, ventilation, room for exercise, fresh water, etc., combined to an unequalled extent with economy of installation, of space occupied, of fuel consumed, and attention in caring for the chicks.

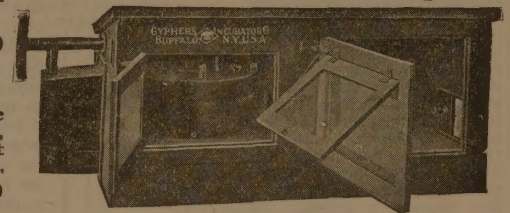
Two brooders complete, four sections each, having a combined capacity of eight hundred (800) chicks, can be operated in a room 12 x 12 ft. with every convenience. Size of each brooder (floor space) is 3 x 7 ft., and an eighteen or twenty four inch aisle is needed at ends and sides for operator.

(Base Section), 140 Chicks, weight 250 lbs. Price..... \$27.00

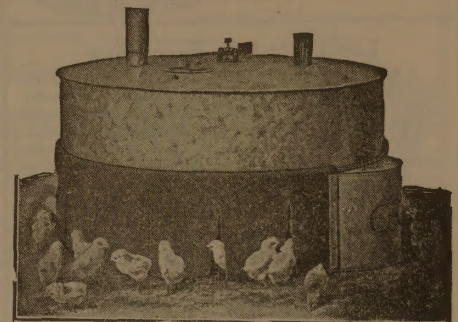
(Upper Section), 140 Chicks, weight 150 lbs. Price..... 21.00



MADE IN TWO SIZES.



Outdoor Brooder



Portable Hover



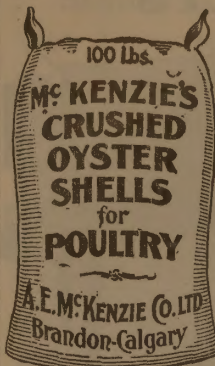
Paradise Brooder

Repairs : When Ordering Repairs, Always State Size Wanted and the Year Machine Was Made

Postpaid	Postpaid
Lamp Wicks, No. 0 and 1, per doz..... \$.45	Pivot Casting (317)..... \$.85
Lamp Wicks, No. 2 and 3, per doz..... .55	Connecting Rod Thumb Nut, state whether upper (320) or lower (319)..... .25
Lamp Burners, No. 0 75c, Nos. 1, 2, and 3..... 1.15	Thermometer (Incubator)..... 1.20
Paradise Brooder Wicks, each..... .65	Thermometer (Brooder)..... .80
Tin Disc (327) and Wire (326)..... .35	Undernoted Repairs, Freight or Express at Purchaser's Expense.....
Connecting Rods (318), Nos. 0, 1, 2, and 3..... .65	Cyphers Automatic Moisture Device, each with three Conductors..... 2.60
Counterpoise Weights (323)..... 45	Lamps (Incubator), No 0, complete.. 1.70
Counterpoise Rods (322), Nos. 0, 1, 2, and 3..... .65	

Repairs, Freight or Express at Purchaser's Expense Cont'd.
Lamps (Incubator) Nos. 1, 2, or 3, complete..... \$2.25
Lamps (Incubator) without Burners, No. 0 1, 2, or 3..... 1.30
Brooder Stoves (Insulated)..... 1.45
Paradise Brooder Stove..... 3.85
Paradise Brooder Upper Reservoir..... 7.50
Paradise Brooder, Enamelled Drum..... 1.75
Thermostat (312), Nos. 0, 1, 2, and 3..... \$3.50, 1.2, 3.65

McKenzie's High Grade Poultry Supplies

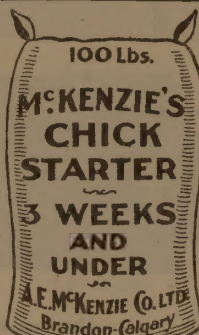


Crushed Oyster Shell almost pure carbonate of lime, supplies, when fed to poultry, the most essential components in the formation of the egg. It also prevents cholera, soft shell eggs and hens from eating their eggs. Keeps the hens healthy, makes them lay and produces larger and heavier eggs.

100 lbs. \$1.35

For chicks under 3 weeks old. Like infants, it is essential to the proper nourishment of chicks that they be fed different ration than older chickens. The ingredients of this nourishing and body-building mixture can be thoroughly and easily digested, and it is absolutely necessary if a low mortality among chicks is desired.

50 lbs. \$3.95
100 lbs. 7.15



Lee's Poultry Remedies

INSECT POWDER. A non-poisonous powder and very effective insecticide; unexcelled for worms, flies, aphids, and all kinds of insects. Package, 60c. postpaid.
LIQUID LICE KILLER. Acknowledged by practical Poultrymen as the easiest, safest and surest method of curing fowls of this affliction. 1-qt. can 75c. 1/2 gall.

\$1.35, 1 gal. \$2.25

By express at Purchaser's expense.
EGG MAKER. Comprising nourishing ingredients of attested egg-making qualities, it is of exceptional value. 2 1/2-lb. pkg. 75c. 5 lbs. \$1.50. Postpaid 25-lb. pail \$5.00. By express at purchaser's expense.

GERMOZONE TABLETS. The great cure for Cholera, Colds, Canker, Chicken Pox, Swelled Head, etc. Pkg. 90c. Postpaid.



McKenzie's Gold Standard Egg Maker and Chick Grower

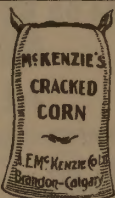
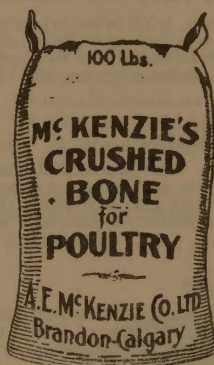
McKenzie's Egg Maker should be fed to male birds as well as hens. Young chicks require it to secure a good strong start, early in life. Price 2 1/2 lbs. 35c. 5 1/2 lbs. 65c. 25-lb. pail \$2.75. By express at purchaser's expense.



Prices.

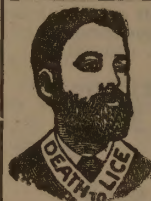
All items listed on pages 80 to 88 inclusive are unchanged so long as stocks of each last. Markets in all lines very fluctuating with higher tendencies. Would suggest mailing orders as soon as possible.

This is fresh, green bones, which have had the moisture, grease, etc., extracted from them leaving nothing but phosphate of lime and protein. Will keep in any kind of weather if kept dry. This bone is prepared especially for our trade and will be found a very fine quality. State whether fine or coarse is wanted.
50 lbs. \$2.75
100 lbs. 5.00



Cracked Corn
It requires more energy for fowls to pick up than the whole, and is more easily digested. 50 lbs. \$3.25, 100 lbs. \$6.00. Cotton Bags 45c extra.

Whole Corn
For poultry, corn is and has been for ages, valued highly for feed. 50 lbs. \$3.00. 100 lbs. \$5.50. Cotton Bags 45c extra.



Lambert's Death to Lice

Lambert's Lice Powder is perhaps the oldest and best known remedy of its kind on the market. It is in many respects "the old reliable," "tried and true," a household word everywhere. A Disinfectant Insect Powder. This preparation will rid your fowls of all vermin. It is both cheap and effectual. Setting hens well dusted with Lambert's Death to Lice during incubation will bring off a healthy brood. Used largely in both Canada and the United States. Price 5 oz. box 55c, 15 oz box 80c.

48 oz. package \$1.55
100 oz. package 3.00
Postpaid.

McKenzie's Gold Standard Stock Food

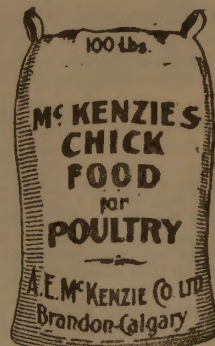
Being highly concentrated, only a small amount per day is required.

Stock when fed McKenzie's Stock Food will keep in better condition, produce quicker and more profitable results. Based upon scientific knowledge, devoid of harmful drugs, when fed to calves, cattle, horses, sheep, hogs or poultry, it purifies the blood, builds up the system, aids digestion and produces highly beneficial results.

Price 5-lb. Bags \$2.00, Postpaid 25-lb. Pails \$3.50. By Express at purchaser's expense.



McKenzie's Poultry Foods are absolutely the best that experience can suggest or money buy, and are backed by our reputation. They show the highest protein and albumenoid ingredients of any feeds on the market, and these elements are what make eggs.



For chicks 3 weeks old or over. This mixture embraces the best combination of seeds, grains, etc., that can be prepared for the purpose required. To properly develop the chick for market or as an egg producer, and keep it healthy, it must be fed such food as will promote growth quickly and uniformly. A well-balanced feed will produce a well-balanced hen.

50 lbs. \$3.85
100 lbs. 7.00

Beef Scrap

Rich in materials which make bone, muscle and lean meat. It ensures health, thrift and vigor and satisfies the chicken's natural craving for flesh-food in some form. Beef scraps can be fed dry or with cooked rations.

50 lbs. \$3.80
100 lbs. 7.25

Alfalfa Fine Cut

Made from green kiln-dried Alfalfa hay. This is more valuable than clover meal, and is highly recommended by prominent and successful poultry men. It contains a large per cent of protein and furnishes green feed in winter when green food is unobtainable.

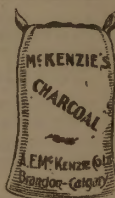
25 lbs. \$1.45, 50 lbs. \$2.50, 100 lbs. \$4.50



Charcoal

To keep fowls in a healthy state a regulator of some kind must be fed. Nothing takes the place of Charcoal in this respect, as it purifies the blood, aids digestion and tones up the whole system.

50 lbs. \$1.85
100 lbs. 3.00



Conkey's Poultry Remedies

ROUP CURE. Small size 55c, medium size .95c, large size \$1.80. Postpaid.

CHOLERA CURE— Package, small 55c. Package, large .95c. Postpaid.

GAPE CURE. Package .95c. Postpaid.

RHEUMATIC REMEDY. .95c. Postpaid.

POULTRY LAXATIVE. 55c. Postpaid.

HEAD LICE OINTMENT. A wonderful remedy for this aggravating pest. Package, small 25c., large 55c. Postpaid.

LICE LIQUID. Not only the greatest preventive, but the safest and surest exterminator of this pest. 1 qt. 80c., 2 qts. \$1.15, 1 gal. \$1.90. By express at purchaser's expense.

CHICKEN POX REMEDY. Package .95c. Postpaid.

LIMBERNECK REMEDY. Package .95c. Postpaid.

SCALY LEG REMEDY.

Package 55c. Postpaid.

DISTEMPER REMEDY

Pkg. 80c. Postpaid.

WHITE

DIARRHOEA

REMEDY.

Price 55c. Postpaid.

BRONCHITIS

REMEDY. A

guaranteed specific

for this dangerous

ailment. \$1.15

Postpaid.





McKenzie's Dry Food Grit and Shell Box

This handy Grit Box eliminates the waste occasioned by feeds, grits, shells, etc., being placed in pans or low dishes and scratched out by the fowls. It has three compartments. Strong, light and durable.

While these boxes can be set anywhere in the yard, they are made for hanging against the wall, a post, fence, etc.

The trough is so arranged that fowls are unable to get into it with their feet, thus eliminating waste, and at the same time protects the contents from moisture and filth.

Large Size, each **\$1.00**

Small Chick Size, each **.90**

By express at purchaser's expense.

McKenzie's Death to Green Fly

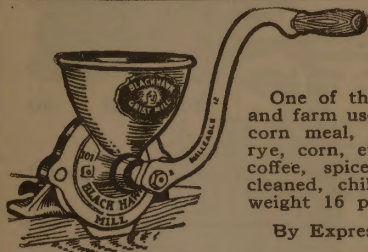
So persistent has been the demand from all parts of the West by growers of "house plants" for a remedy for the Little Green Fly Pest, we have, after trying and testing many formulas selected the best.

One of the best Insecticides for plant use. Destroys Green Fly, Slugs, Caterpillars, Currant Worms, Cut Worms, Rose Bugs, etc.

You can use it in the house, sinks, poultry houses, pig pens, stables, etc. It will kill any kind of insect and can be used anywhere.

Pkg. postpaid **50c.**

Black Hawk Grinding Mill and Feed Mill



One of the handiest of tools for household and farm use. Make your own Graham flour, corn meal, etc. Crack your wheat, barley, rye, corn, etc., for the poultry. Grind your coffee, spices, etc. Easily adjusted, easily cleaned, chilled bearings. Best steel knives, weight 16 pounds. Price each **\$4.25.**

By Express at purchaser's expense.

Cypher's Practical Egg Tester



Cyphers Practical Egg Tester is the standard tester in use on large farms and embodies the eas to date. This tester is 15 inches in height, and 7 1/2 inches in diameter. Constructed entirely of galvanized iron. Is equipped with a suitable reflector, and a seamless-bottom lamp made of the best heavy galvanized iron. No chimney is furnished, because of the liability of breakage in shipping. An ordinary glass chimney, such as used on a house lamp, will fit the burner and is adapted to the purpose. The strong light penetrates the shell and brings to view the development of the contents of egg, making it possible to discover the degree of fertility, or the growth of the embryo. Price, complete, including lamp and reflector **\$1.50.** By express at purchaser's expense.

growth of the embryo. Price, complete, including lamp and reflector **\$1.50.** By express at purchaser's expense.

McKenzie's Insect Killer



A safe and sure remedy for all lice, flies, vermin that infest poultry, cattle, dogs, sheep, etc. Invaluable for ridding house plants and vegetables of green and black flies, caterpillars, worms, etc.

We particularly recommend this Insect Killer on account of its wide range of usefulness.

Non-poisonous, absolutely harmless to man or beast. A powerful disinfectant and deodorizer. Directions on every package. **55c.** Postpaid

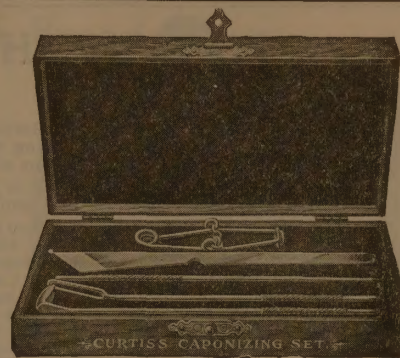
Wire Nests



These nests are strongly made from heavy japanned steel wire; fasten to the wall with screw hooks. There is no room on them for lodgment of lice or vermin of any kind; easy to keep clean, and far superior to wooden boxes. Weight 1 doz., 4 lbs. Price, each **40c.** 1/2 doz. **\$1.85.** dozen, **\$3.60** By express at purchaser's expense.

Curtis's Caponizing Set

The Curtiss caponizing instruments have special features of value not found in other sets. The lancet is peculiarly adapted to its purpose and the old-fashioned canula is replaced by an up-to-date instrument which serves the double purpose of cutting and removing without the aid of forceps, leaving one hand free to manage the operation. Full printed directions with each set. Price **\$3.00.** Postpaid.



Cypher's Fumigating Candle

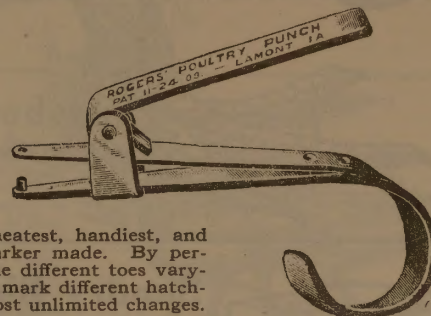
A microbe and Germ Killer, Lice and Mite destroyer. Disinfects, prevents disease. All fowls and animals must be locked out when in use. It is easy to use, easy to light, safe to extinguish. The improved construction makes it unnecessary to use a tin or other disk as required by other makes.

Price **30c** each. Postpaid. **\$1.25 1/2** dozen. By express at purchaser's expense.



Poultry Punch

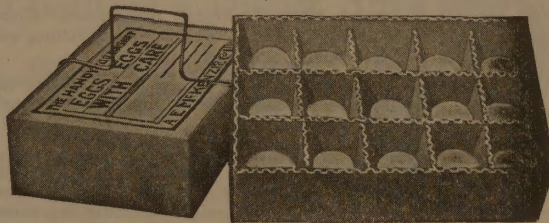
Each
45c.
Postpaid



This, we believe, is the neatest, handiest, and easiest operating poultry marker made. By perforating the web, between the different toes varying the toe and foot you can mark different hatchings; different breeds in almost unlimited changes.

The Handy Egg Box

The lightest, handiest, safest and cheapest "Egg Box" on the market. Particularly suited for shipping "Egg Settings" Weight 1 lb. Price (1 setting size) **\$2.10** per doz. Price (2 setting size) **\$3.50** per doz. By express at purchaser's expense.



Cypher's Powder Gun

These Insect Powder Guns were originally designed to meet a demand for as large a gun as can be held in the hand. Just the thing for applying McKenzie's Lice Powder. Made in two sizes. Thousands of them in use—a standard article. Prices, large Jumbo size, **60c.** Small **30c.** each postpaid



Nest Eggs

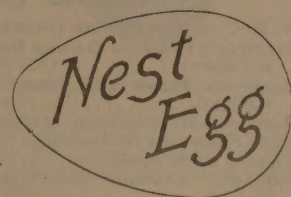
Nest Eggs have long since been recognized as an indispensable article around fowls.

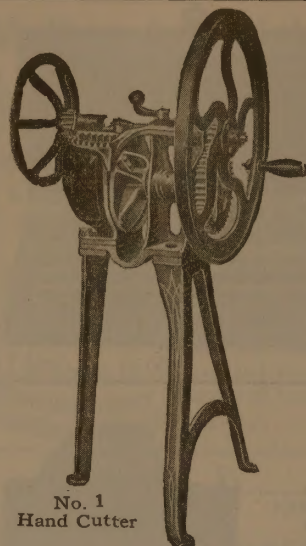
They are the best means obtainable to attract hens to the proper laying place, thus preventing them from seeking out-of-the-way places.

China Nest Eggs, **60c** per doz. Postpaid.

Medecol Nest Eggs, to keep lice and vermin out. **\$1.00** per doz. Postpaid.

Lime Nest Eggs, **70c** per doz. Postpaid.



No. 1
Hand Cutter

Humphrey Bone Cutter and Rapid Alfalfa and Clover Cutter

Getting the largest number of "Golden Eggs," raising the thriftiest hens and feeding them the most nourishing egg-producing food at the lowest cost always means successful and profitable poultry raising. What is that food?

It is just a plain piece of bone such as you have in your beefsteaks or soup-bone and which you throw away.

You do not have to cut the bone into small pieces with an axe, as is required by other machines. The machine does the cutting—simply drop the bone into the machine and immediately commence to cut the bone. All parts of the Humphrey Open Cutter are exposed at all times for cleaning. There is no possibility of the cutter-head clogging, owing to the immense clearance of the cutters. Made in six sizes to suit the wants of the keeper of twelve hens, or the large poultry farmer.

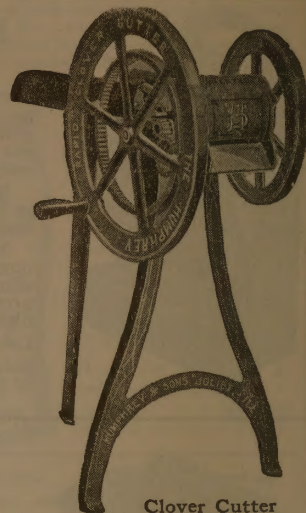
No. 1. The popular size for flocks of 10 to 200 hens. The always-open hopper measures $4\frac{1}{2} \times 5$ in. and will take a large steer knuckle bone. This is a hand power machine, weight 120 lbs. Price.....**\$23.00**

No. 2 $\frac{1}{2}$. Is a combined hand and power cutter of the same bowl capacity as the No. 1; intended for poultrymen who have power, but find it convenient to use the machine by hand at times when the power is not in motion. Weight 135 lbs. Price.....**\$28.00**

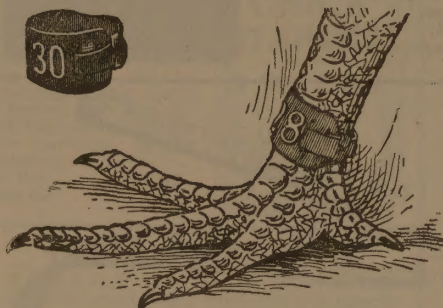
CLOVER CUTTER—Every poultryman having from 12 to 20 hens should have a Humphrey Clover Cutter. This machine has large capacity, so that it takes very few minutes to cut enough clover or alfalfa for large yards. The cuttings are so small and uniform that there is virtually no waste. Price.....**\$21.00**

Write for prices on any not listed here.

Our Humphrey Bone Cutter Catalog Mailed upon Request.



Clover Cutter



Champion Leg Bands

Very useful in distinguishing select fowls from others in the same flock, identifying them from your neighbor's and for marking certain hatchings. Made of aluminum, very strong and durable. Easily attached. Fastens securely. Numbered from 1 to 100.

12	25	50	100
25c	35c	55c	90c Postpaid

Single Spiral Celluloid Poultry Rings

Made in
Canada



Far superior to any other Key Ring Band on the market. We stock them in eight different sizes in the following colors: Cerise, Green, Dark Blue, Red, Light Blue.

Table of Sizes		Prices. Postpaid.		
Size	1a For	Pigeons	10	50 100
2	"	Bantams	15.	.45 .75
3	"	Half grown Chicks		
4	"	Minorcas, Leghorns		
6	"	Campine, Hamburg, Scotch greys, and Langshan, French and small Ducks	.20	.55 .90
7	"	Wyandotte, Plymouth Rocks, large Ducks		
8	"	Cochin, Brahma		
9	"	Turkeys, Geese, &c.	.25	.75 \$1.00

In each case the hens take a size smaller than the cocks.

Sundry Bird Supplies

Per
Postal lb.

BIRD SEED—McKenzie's Gold Standard is the finest quality of fresh, choice, imported, re-cleaned and well mixed seeds in proper proportions, as to provide the necessary food for birds to keep them in good health and song.

Pkt. **35c.** Postpaid.

HEMP, Finest Re-cleaned—Considered by many as far superior to anything else. Per lb. **35c.** Postpaid.

MILLET, Finest Re-cleaned—As feed for birds Millet is exceptionally nourishing and appetizing.

Per lb. **35c.** Postpaid.

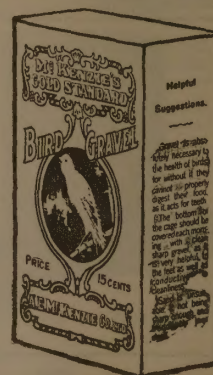
CANARY SEED, Finest Re-cleaned—This is a splendid feed for birds on account of its wonderful strength-building ingredients. Per lb. **35c.** Postpaid.

BIRD GRAVEL—McKenzie's Gold Standard Gravel is absolutely necessary to the health of birds, for without it they cannot properly digest their food, as it acts for teeth. Pkg. **35c.** Postpaid.

PARROT SEED—The very best seed obtainable for parrots is the ordinary garden sunflower seed. Per lb. **30c.** Postpaid.

BIRD RAPE, Finest Re-cleaned. Per lb. **35c.** Postpaid.

CUTTLE FISH BONE—For generations this has been recognized as one of the best things for aiding birds to digest their food, etc. Per oz. **20c.** Postpaid.



Miscellaneous Sundries, Feed Flax, Oil Cake, Etc.

SUNFLOWER SEED—Every poultry man knows the egg-producing value of Sunflower seed, and for poultry feed, thousands of tons are annually sold throughout the West. 1 lb. **30c.** postpaid, 5 lbs. or more **15c** per lb. by express at purchaser's expense

CORN FOR POPPING—Remember the children—let them have some corn to pop. "Ours Pops" being thoroughly matured grain for the purpose. Per lb. **35c.** postpaid. 10 lbs. or more buyer pays express **20c** per lb.

BUG DEATH FOR POTATOES—Use 32 lbs. Bug Death to 96 gallons water, when used as a liquid solution. Use 32 lbs. Bug Death per acre when applied dry. Price per lb. **35c.** 3 lbs. **85c.** 5 lbs. **1.40** postpaid, 12 $\frac{1}{2}$ lbs. **\$2.00** by express at purchaser's expense. Per 100 lbs

FLAX SEED—For feeding (bag **45c.**).....**\$8.00**
LINSEED MEAL—Fine ground (bag **45c.**).....**8.50**
OIL CAKE—Fine ground (bag included).....**4.25**

Prices Subject to Market Fluctuations.

Valuable Books for Poultrymen, Farmers and Gardeners—Each Postpaid

A. B. C. of Bee Culture (Root).....**\$2.25**
 Amateur's Practical Garden Book (Hunn & Bailey).....**1.05**
 American Horse and Horse Breeding (Dimon).....**3.90**
 American Horticultural Manual (Budd).....**3.55**
 Barn Plans and Outbuildings.....**1.65**
 Canary Birds (Quill).....**.65**
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 Garden Making (Bailey).....**1.10**
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 Irrigation Farming (Wilcox).....**2.95**
 Key to Profitable Stock Feeding (Myrick).....**.55**

Modern House Plans (Reed).....**\$1.45**
 Philo System of Incubation (Philo).....**.45**
 Plant Breeding (Bailey).....**1.70**
 Play and Profit in My Garden (Roe).....**1.60**
 Poultry Success, Illustrated Monthly Magazine per year.....**1.00**
 Profitable Poultry Keeping (Beale).....**1.35**
 The Farm Dairy (Curler).....**1.30**
 The New Egg Farm (Stoddard).....**1.20**
 The Principles of Fruit Growing (Bailey).....**1.80**
 Vegetable Gardening (S. B. Green).....**1.20**

Cyphers Combined Medical and Surgical Case

The popular success of Cyphers Poultry Medical Case, combined with their knowledge based on practical experience of the requirements of average poultrymen, prompted them to combine with this case a surgical outfit, containing such surgical instruments and little accessories as are found helpful in the treatment of injuries, and combating diseases, epidemics, etc.

All instruments are of good quality steel, nickel-plated and carefully finished. The entire outfit is put up in a handsome strong, cloth-covered box. The remedies are packed in metal-capped vials, and are labeled to show their uses and the dosage in each case. Price **\$3.25** each.



Combined Medical and Surgical Case.

WRICO Extension Brood Coop

Well Ventilated, Warm and
Weatherproof

A profitable investment for poultry breeders. No lost, stolen, strayed or sick chicks to figure up against the profits.

The extension is made of heavy $\frac{1}{2}$ -mesh wire cloth, galvanized, so the wires will not spread apart.

In fine weather the cage portion is pulled out, giving the hen and chicks double area to roam—untarmelled scratching privileges—and all the advantages of a natural open air life—yet isolated from the flock, and protected from depredating animals—such as rats, cats, dogs and Weasels. The total length of the extended coop is 46 inches, and the sliding edge of the extension being set in a groove, it can be closed without the least trouble, or danger to the occupants, by simply pushing it in.

SIZE OF COOP EXTENDED

Height, 18 $\frac{1}{2}$ in.
Length extended,
46 in., width 20 in.,
weight of 3 crated,
70 lbs.

Price **\$3.90** each



Closed and locked.



Pulled out

The "Kant-Klog" Sprayer

(Pattern G.)

Sprays Trees, all kinds of Small Fruits and Garden Vegetables, Disinfectants, Whitewash and many other uses.

On the "Kant-Klog" nozzle described above the item of labor alone is three times what the ordinary nozzle can be furnished for. Hose is high grade—supported by coiled spring to prevent breaking, couplings solid brass with standard cut threads. Air pumps of heavy brass tubing two inches in diameter.

The Sprayer body is made of heavy polished brass or galvanized steel as desired. Both top and bottom are dome shaped; joined to body under heavy pressure, making a complete double seam. When completed this body is thoroughly tested at double pressure ordinarily used, the result being that not one in a thousand give any of the troubles common with other sprayers.

Brass, **\$9.75**. Galvanized, **\$7.00**
By express at purchaser's expense.



"Kant-Klog (Junior 5)" Spray and Force Pump

This pump requires no fastening of any kind, holds itself down and works anywhere and everywhere. All the operator need do is to press the plunger down. It rises of itself. The All Brass suction working within a brass cylinder with all Brass Valves, does away entirely with all leather, rubber or other packings.

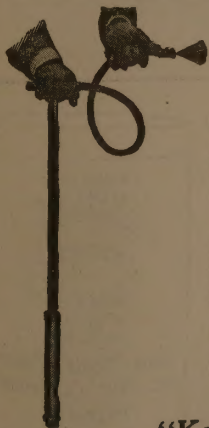
Everything except handle and hose are Solid brass. Is the Easiest Working and will do more different kinds of work than any pump ever made. Will pump from a pail, barrel, tank, spring or creek. Without fastening of any kind it stands firmly wherever placed. Ready for Instant Use Everywhere.

Will throw two solid continuous streams, one flat spray and one fine round spray. Has automatic mixer to keep solution stirred, pleases everybody and will last a lifetime.

Price of Pump complete as shown in cut **\$4.35**
By express at purchaser's expense.

"Kant-Klog" Brass Extension Pipe

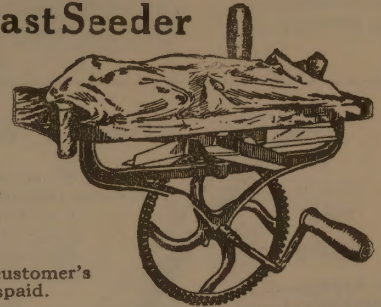
Brass Pipe with quarter-inch standard cut threads, needed for elevating the nozzle in tree spraying, whitewashing, etc. Several can be screwed together when desired. Price 3 ft. long **60c.** By express at purchaser's expense.



National Broadcast Seeder

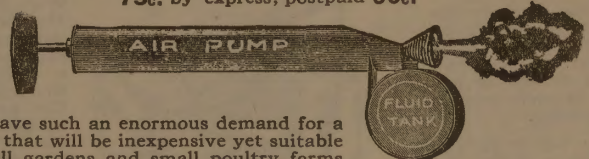
This seeder will sow about 20 acres per day and distribute the seed evenly. It will sow any seed that is sown broadcast, such as Oats, Wheat, Rye, Flax, Millet, Clover, Lawn, Timothy, Western Rye, Brome, etc. Is very easily adjusted to suit any seed. The hopper holds about one-half bushel. It is the strongest, neatest, and most compact hand-seed sower made.

Price **\$1.85** by express at customer's expense, or **\$2.20** postpaid.



McKenzie's Daisy Sprayer

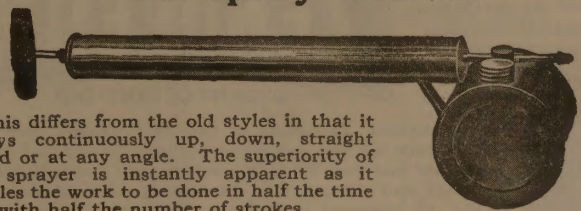
75c. by express; postpaid 90c.



We have such an enormous demand for a sprayer that will be inexpensive yet suitable for small gardens and small poultry farms that we offer the Daisy.

The Daisy sprays on the downward stroke only. It, however, is well to remember that there are very few occasions on which a larger spray is required.

"Kant-Klog" Atomizer "Continuous Spray" No. 14



This differs from the old styles in that it sprays continuously up, down, straight ahead or at any angle. The superiority of this sprayer is instantly apparent as it enables the work to be done in half the time and with half the number of strokes.

Sprays Continuously

the forward stroke of plunger storing sufficient pressure to make spray continuous while return stroke is being made.

Brass Spray Tube removable for cleaning. Two Spray Caps; Brass Valve; Tin pump barrel. Liquid tanks of tin. Galv. Iron and Brass. Capacity one quart. Tin **\$1.10** Express at purchaser's expense, **\$1.30** Postpaid. Galvanized **\$1.20** By express at purchaser's expense. **\$1.40** Postpaid.

Inoculating Bacteria

Prepared for Legume Crops of the Following Separate Varieties

Alfalfa
Red Clover
White Clover
Alsike Clover

Sweet Clover
Garden Beans
Winter Vetch
Spring Vetch

Field Peas
Garden Peas
Sweet Peas

Exhaustive and carefully prepared experiments have shown almost beyond dispute that leguminous plants are improved by inoculation. The improvement being more apparent naturally in perennial crops such as Alfalfas and Clovers, but annuals like Peas, Beans, Vetches and Sweet Peas are also benefitted.

The extent of the increase of crop varies according to the condition of the soil. Where nitro bacteria already exist (which they do in all fertile soils particularly where leguminous crops have already been grown) the difference, so far as the crop is concerned, will not be so apparent, but even under such circumstances it has been demonstrated conclusively that such crops as Alfalfa and Clovers have shown less tendency to winter kill when treated with Inoculating Bacteria.

In view of the simplicity of inoculating seed with our preparation of Inoculating Bacteria and the very nominal cost, we recommend every one to give it a trial.

THERE IS NO MYSTERY ABOUT THE PRODUCTION OF OUR INOCULATING BACTERIA. IT IS SIMPLY PREPARED FROM HEALTHY VIGOROUS GERMS FROM THE NODULES OF THE ABOVE LEGUMES. The bacteria is put up in 3 ounce wide mouthed bottles, each containing enough culture for one bushel (about 60 lbs.) of seed. Price **\$1.00**. Postpaid. 5 Bottles for **\$4.50**.

IMPORTANT: When ordering it is important that customers specify the variety of seed it is proposed to treat.

Full directions for use accompany each bottle.



Alfalfa grows vigorous plants when treated with our Inoculating Bacteria

Special Offers—Seed Oats

Good seed oats being short this year, we invite intending purchasers to observe our special offers in supplement, in beginning of catalog.

Barker Weeder and Mulcher

The ever increasing sales of this handy cultivator indicates that it is filling a long felt want and that it is but a matter of a year or so until every home will have its "Barker Weeder" the same as they have their lawn mowers and seeders.

It operates on the plan of a lawn mower. It is better than a hoe. It is ten times as fast. It is easy to operate. It forms a dust mulch.

Buy a Barker Weeder and Mulcher and cut your garden the same as you buy a lawn mower to cut your lawn. Cut your weeds in your garden once a week below the surface of the ground as well as the plant above the surface.

Price

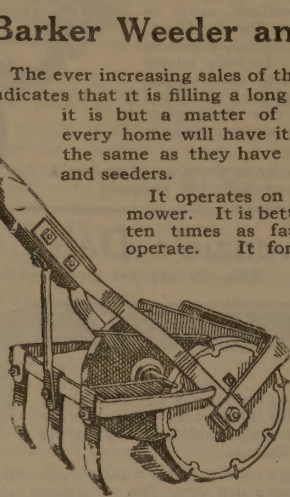
\$5.00

By Express at Purchaser's Expense

Weight packed 36 lbs.

This machine has proved a great boon to Planters of large acreage. Cuts the weeds as fast as you wish to walk through the garden.

Any boy or girl can operate it easily and as successfully as their elders. It cultivates either shallow or deep.



Brandon Seed House Grass Seeder

This Wheelbarrow style of Seeder is especially designed for sowing grass seeds broadcast (all kinds) and fills a very important want in farming. No waiting for a calm day. Sow any time. The Hopper is carried so close to the ground that the wind does not blow and scatter the seed.

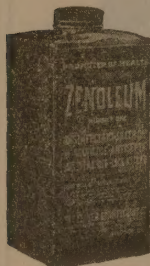
They sow any quantity per acre desired, evenly and accurately. The complete machine weighs about 50 lbs. and runs easily, sowing from 20 to 40 acres per day. There are upwards of 200,000 of these machines in use. We have on hand 2 kinds.

No. 8 for Brome Grass, Clover, Timothy, Alfalfa, Hungarian Millet, Rape and other seeds of same size and kinds. Has 10 ft. Hopper.

Price of No. 8, **\$14.00**
No. 9 for Western Rye Grass, Clover, Timothy, Alfalfa, Hungarian Millet and Rape and any other seeds of same size and kind. Has 14 ft. Hopper.



World's Famous Coal Tar Animal Dip.
Endorsed by forty-two Agricultural Colleges.
Write for our Zenoleum Catalogue



COAL-TAR
ZENOLEUM
DISINFECTANT-DIP

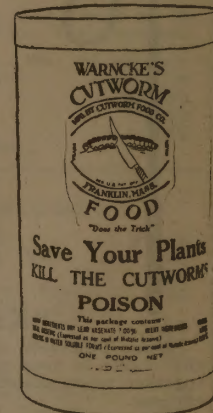
We believe Zenoleum is the best general live stock remedy for lice and vermin on all animals and positive disinfectant and cure for skin troubles, and external parasites in hogs and sheep. Our guarantee: If Zenoleum is not what we represent it to be, we will refund your money. 8 oz. tin postpaid, all other sizes by express at purchaser's expense.

8 oz. tin **50c.**, makes 6 gals. fluid.
1 qt. tin **70c.**, makes 25 gals. fluid.
2 qt. tin **1.25**, makes 50 gals. fluid.
1 gal. tin **2.10**, makes 100 gals. fluid.
2 gal. tin **4.00**, makes 200 gals. fluid.
4 gal. tin **8.00**, makes 400 gals. fluid.

Cutworm Killer

There is no more exasperating insect pest with which the gardener contends, than the cutworm. All the work, expense and anticipation of financial returns are wiped out in a night. The cutworm, in about three bites, kills the entire plant as effectively as though it were consumed root and branch. The field is so completely wrecked we wonder how they succeeded in finding so rapidly every plant. And all this is so easily avoided. Just drop a teaspoonful of Cutworm Food around each plant the day it is set out, or on each hill as the seedlings break through; and instead of eating the plants the worm eats a little of the Food and immediately dies. The Food will not injure the most delicate plant. One pound will protect 75 to 100 plants. 1 lb. **65c.** Postpaid

The sowing of cheap seed is the most expensive policy a farmer can adopt.



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Baby's Breath	70		Columbine	68-74	Grasses	56-57	Manitoba Native Plum	33	Poppo	72-74-78	Tares	51
Bachelor's Button	76-77		Conkey's remedies	84	Grasses, Ornamental	78	Manitoba White Ash	33	Portulaca	79	Tartarian Honey	
Balm	31		Coreopsis	69-77	Grass Seeders	87-88	Elm	33	Potatoes	40-41	suckle	31
Balsam	68		Corn, Garden	14-15	Grinding Mill	85	Maple	33	Potato Eyes	41	Thyme	31
Balloon Vine	77		Corn, Field	52-53-54	Grit and Shell Boxes	85	Marigold	72	Pot Marigold	31	Thermometers	83
Barberry	33		Corn, Popping	86	Grit	84	Marrow	29	Poultry Punch	85	Thunbergia	79
Barley	47		Corn, Food	84	Gypsophila	70	Marvel of Peru	78	Poultry Remedies	84-85	Timothy	56
Bartonia	68		Cornflower	77	H		Matricaria	78	Poultry Magazines	86	Tobacco	31
Beans	4-5		Corn Salad	15	Hard Fescue	57	Mathiola	78	Poultry Supplies	84	Tomatotes	30-31
Beef Scrap	84		Cosmos	68-77	Harebell	69-77	Meadow Fescue	57	Powder Gun	85	Tree Seeds	33
Beet	6		Cottonwood	33	Harrow	80-81	Melon	78	Primrose	79	Tropæolum	79
Beet, Sugar	36		Cress	15	Helianthus	71	Mesembryanthemum	78	Primula	17	Turnip, Garden	29
Beet, Ornamental	76		Crested Dogtail	57	Helichrysum	77	Mexican Fire Bush	72	Pumpkin	28	Turnip, Swede	38-39
Begonia	76		Crushed Bone	84	Heliotrope	77	Mignonette	72	Pyrethrum	73-79	Turnip, Field	39
Bell Flower	77		Cucumber	12-13	Hemp	86	Millet	55	R		V	
Bellis	76		Cultivators	80	Herbs	31	Mill, B. H. Grinding	85	Radish	26-27	Vegetable Marrow	29
Bird Supplies	86		Cuttle Fish Bone	86	Hesperia	37	Mimosa	78	Rape-Kale	42	Vegetable Oyster	27
Black Hawk Grinding	86		Cut-Worm Killer	88	Hollyhock	71	Mimulus	78	Rape	43	Verbena	75
Black Hawk Grinding	86		Cyanus-Minor	77	Honesty	77	Momordica	78	Red Top	57	Vetches	51
Blue Grass	57		Cyclamen	77	Horeshoud	31	Monardica	78	Repairs, Planet Jr	81	Vetches	51
Bone Cutters	86		Cypher's Incubators	83	Hover, Adaptable	83	mina	78	Repairs, Incubator	83	Viola	79
Books	86		and Brooders	83	Hover, Portable	83	Monk's Hood	78	Reseda Odorata	79	Virginian Stock	79
Borecole	7		Cypress Vine	77	Humulus	77	Moon Flower	78	Rhodonthe	79	Viscaria	79
Boxes, Egg	85		D		Hunnemannia	77	Morning Glory	71-77	Rhubarb	27	W	
Box Elder	33		Dahlia	77	Hyacinth Bean	77	Mountain Ash	33	Ricinus	75	Wallflower	79
Brachycombe	76		Daisy	73-76-77	Hyssop	31	Mourning Bride	78	Rocket, Sweet	79	Water Melon	17
Broccoli	7		Delphinium	70	I		Mushroom Spawn	17	Rosemary	31	Weeder	88
Brome Grass	56		Dianthus, Pinks	68-69	Iberis	77-86	Musk	78	Rudbeckia	79	Western Rye Grass	56
Brooders	83-87		Digitalis	77	Ice Plant	78	Musk Melon	17	Rue	17	Wheat	44-45
Brood Coup	87		Dill	31	Implements	80-81-82-83	Mustard	17	Rue	17	White Birch	33
Browallia	76		Disimorphotheca	31	Incubators	82-83	Myosotis	78	Rye (Grain)	50	White Rice	15
Buckeye Incubators	82		Dimorphotheca	31	Incubator Repairs	83	N		Rye Grass	56	Wicks	83
and Brooders	82		Disinfectants	84	Inoculating Bacteria	88	Nasturtium	73	S		Wild Cucumber	70-78
Buckthorn	33		Dogwood	33	Insecticides	84-85-86	Nemesia	72	Sage	31	Wild Flower Garden	79
Buckwheat	51		Dolichos	77	Ipomoea	71-78	Nemophila	78	Salpiglossis	31	Wood Meadow Grass	72
Bug Death	86		Dry Food Hoppers	85	J		Nest Eggs	85	Salsify	27	Wonderberry	32
C			E		K		Nicotiana	76	Salvia	27	Wormwood	31
Cabbage	8-9-10		Echinocystis	70	Kale	7-42	Nigella	73-78	Savoy Cabbage	10	X	
Calceolaria	76		Edelweiss	77	Kale	7-42	Nolana	78	Scabiosa	79	Xeranthemum	79
Calendula	76		Eggs, Nest	85	Kauffussia	77	O		Schizanthus	75-79	Z	
California Poppy	72		Egg Boxes	85	Kochia	77	Oats	48-49	Scotch Pine	33	Zea Japonica Var...	79
Calliopsis	69-77		Egg Maker	84	Kohl Rabi	17	Oenothera	78	Sea Lavender	79	Zenoleum	88
Campanula	69-77		Egg Plant	17	L		Oil Cake	86	Sensitive Plant	78	Zinnia	75-79
Canary Seed	86		Egg Tester	85	Lambert's Lice Death	84	Olive	33	Shasta Daisy	77		
Candytuft	69		Electroborator	83	Lantana	77	Onion	20-21	Sheep's Fescue	57		
Candle, Fumigating	85		Elm	33	M		Onion Sets	22	Shrub Seed	33		
Canary Bird Creeper	77		Endive	17								
Canna	77		Erysimum	77								

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